OHD 041064>6>



May 6, 2013

VIA OVERNIGHT MAIL

Mr. Peter Ramanauskas U.S. EPA Region 5 77 West Jackson Boulevard Mail Code LU-9i Chicago, Il 60604-3507

Environmental Health and Safety University of Cincinnati

PO Box 210218 Cincinnati OH 45221-0218

University Health Services

Two Edwards Center 51 West Corry Boulevard

Fax

Phone (513) 556-4968 (513) 556-4981

Web

http://ehs.uc.edu

Re:

Final PCB Soil Remediation Project Report, Morgens Hall, University of

Cincinnati

Dear Mr. Ramanauskas

This letter has been prepared by the University of Cincinnati to transmit the final PCB Soil Remediation Project Report prepared by the consultant Cardno ATC (formerly ATC Associates Inc.) that documents the soil remedial activities performed and the postremedial site conditions adjacent to Morgens Hall, on the University of Cincinnati campus in Cincinnati, Ohio. This work was conducted as part of a larger revitalization project within Morgens Hall. The work remediation activities were completed in accordance with the U.S. EPA – approved Soil Remediation Work Plan Specifications

If you have any questions, comments or require further information, please contact me at 513-556-4979.

Sincerely

Mr. Jan Utrecht, M.S.

Director, Environmental Health and Safety

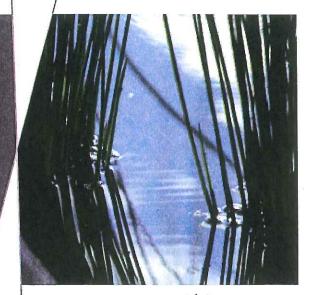
University of Cincinnati

Jack Schnieder, Project Manager, University of Cincinnati w/o Attachment cc:

SOIL REMEDIATION

Morgens Hall University of Cincinnati 2931 Scioto Lane Cincinnati, Ohio

Cardno ATC Project No. 72.41360.0003



Richard Fleischman + Partners Architects, Inc. Attn: Mr. Aaron Hill, AIA 1020 Huron Road, Suite 101 Cleveland, Ohio 44115

April 30, 2013



TABLE OF CONTENTS

1.0 INTRODUCTION	٧	1
	INFORMATIONOORGANIZATION	
2.0 REMEDIAL OB	JECTIVES	2
2.2 REMEDIAL AC	ROACH AND REMEDIAL DESIGNTION OBJECTIVES	2
3.0 HEALTH AND S	SAFETY	3
	SAFETY PLAN	
4.0 SOIL REMEDIA	TION	4
4.2 TRANSPORTA 4.3 DECONTAMINA	TION	4 5
5.0 SAMPLING AN	D ANALYSIS	6
5.1 Post-Remed 5.2 Quality Ass	URANCE/QUALITY CONTROL	6 7
6.0 CONCLUSIONS	S AND RECOMMENDATIONS	8
7.0 PROJECT DOC	CUMENTATION / CERTIFICATION	9
TABLES:	Table 1 – Summary of Soil Analytical Data	
FIGURES:	Figure 1 – Original Excavation Area Figure 2 – Post-Remedial Soil Conditions	
ATTACHMENT A:	Waste Disposal Documentation	
ATTACHMENT B:	Laboratory Analytical Reports	

1.0 INTRODUCTION

Cardno ATC (formerly ATC Associates Inc.) completed oversight of soil remedial activities near Morgens Hall on the University of Cincinnati campus at 2931 Scioto Lane, Cincinnati, Ohio, during February, 2013. The purpose of the project was to address polychlorinated biphenyl (PCB)-impacted soil in the subject area. Work was completed in general accordance with a U.S.EPA-approved Soil Remediation Work Plan Specification dated November 14, 2012. This report documents soil remedial activities and post-remedial site conditions.

1.1 Background Information

PCB-containing caulk was discovered around windows in Morgens Hall in association with pre-construction safety testing during the spring of 2011. Pursuant to such discovery, limited soil sampling and analysis was conducted around Morgens Hall on July 26, 2011. Analytical data quantified the presence of PCBs in shallow soils at a maximum of 18.6 mg/kg.

Followup soil sampling and analysis was conducted on September 7, 2011. Surficial soil samples were collected from similar locations and analyzed for PCBs. PCBs were again quantified locally (maximum of 2.88 mg/kg).

Additional sampling and analysis was performed using a grid-based approach during July – September 2012 to investigate the lateral and vertical extent of PCB impact. Findings from such study indicated that impact was surficial in nature and limited laterally to the area immediately adjacent to Morgens Hall to the west, locally extending further west to the sidewalk (see Figure 1). The total volume of PCB-impacted soils was estimated to be approximately 60 cubic yards (equivalent to approximately 90 tons).

1.2 Purpose and Organization

The objective remedial activity was to address PCB impact identified at the site, such that post-remedial conditions met applicable or relevant and appropriate requirements (ARARs). The University of Cincinnati was responsible for overall management of the project. Cardno ATC acted as the University's representative in the field, overseeing soil remedial activities and conducting post-remedial soil sampling/analysis. The remediation contractor (O'Rourke Construction) was responsible for construction-related activities associated with the project.

2.0 REMEDIAL OBJECTIVES

2.1 Project Approach and Remedial Design

The area of impact consisted of shallow, grass-covered topsoil and silty clay. PCB impact was surficial in nature (did not extend beneath a depth of six inches) and was limited in its lateral extent as shown in Figure 1. Impacted soil was remediated through excavation and off-site disposition, with post-remedial sampling and analysis to confirm that remedial objectives were met.

2.2 Remedial Action Objectives

Remediation objectives for the site were two-fold:

- excavate and dispose of PCB-impacted soils from the area of concern in a controlled and safe manner in order to eliminate the direct contact exposure pathway, and
- prevent release of PCBs from impacted soils to the environment (air, water and soil) during remedial activity.

To achieve these remedial objectives, the following specific elements were implemented:

- excavation of shallow PCB-impacted soils,
- · off-site disposal of excavated soils at an approved landfill/treatment facility, and
- sampling and analysis of residual soils to confirm successful achievement of remedial objectives, performed in a similar grid fashion/frequency to that implemented during site characterization.

2.3 Action Levels

Toxic Substances Control Act (TSCA) standards for spill cleanup (structured for spills of PCB-contaminated transformer oils) and risk-based PCB standards available through Ohio's Voluntary Action Program (VAP) were utilized as ARARs. Both standards invoke an action level of 1 mg/kg for a residential exposure scenario (equivalent to a "high occupancy" area under TSCA). Although neither standard is directly applicable to the subject site, 1 ppm was utilized as an ARAR to evaluate PCB concentrations in soils at the site, given site use as a university with a nearby residence hall.

3.0 HEALTH AND SAFETY

Remedial activities were performed in a manner that was protective of human health and the environment. Project health and safety measures are summarized in this section.

3.1 Health and Safety Plan

An environmental health and safety plan (HASP) was prepared for the project and implemented in accordance with 40 CFR 1910.120. The plan was based upon a review of previous assessment data from the site. The HASP outlined environmental hazards, recommended personal protective equipment, and decontamination procedures. Remedial activities were performed in accordance with HASP requirements and all personnel were required to comply with the HASP.

The Remediation Contractor prepared a HASP specific to their employees and work practices. The Contractor's HASP was prepared to comply with 29 CFR 1910.120.

Tailgate meetings were held at the beginning of each work shift to emphasize project health and safety, specific hazards of the areas to be entered, and work objectives for that period.

A Site Health and Safety Officer (SHSO) was designated by the Remediation Contractor who was responsible for ensuring that the HASP was implemented and that work practices were conducted in a safe manner. On-site conditions were monitored by the SHSO to ensure that conditions did not exceed Occupational Safety and Health Act (OSHA) exposure thresholds.

All personnel entering the exclusion zone (i.e., the area of remedial excavation) were required to review, sign and follow the HASP. Personnel working in the exclusion zone were required to have 40-hour OSHA training (with annual refreshers) per 29 CFR 1910.120. All visitors to the project site were instructed about the hazards of on-site activities and signed a Visitor's Log.

3.2 Utility Clearance

The HASP required notification to the Ohio Utility Protection Service a minimum of 48 hours prior to excavation activities. Existing utilities were identified and visibly marked by flagging; marking was the responsibility of the University of Cincinnati or its representatives. Prior to construction, the Remediation Contractor submitted plans and obtained approval from the University of Cincinnati detailing how identified utilities were to be handled.

4.0 SOIL REMEDIATION

4.1 Soil Excavation

Soil handling, remediation, and excavation were conducted by O'Rourke Construction a qualified, HAZWOPER-trained contractor. Excavation was performed to a depth of approximately six inches below existing grade. Grade stakes, pre-marked in six-inch increments, were driven to a depth of 18 inches and used as cut markers. The original excavation area is shown in Figure 1. No shoring was required around the perimeter of the excavation given its shallow depth.

Excavation activities were initiated on February 18, 2013. A Cardno ATC geologist was onsite to direct and monitor excavation activities, and observe the nature of the material being excavated. The nature of the materials encountered did not change significantly from materials encountered during the previous investigations; therefore no such materials were segregated.

At the completion of excavation activities, soil samples were collected and analyzed on an expedited basis, as detailed in Section 5.0. Based upon findings from such sampling, additional excavation was required north and west of cell #10 to meet remedial objectives. The remedial excavation was extended approximately 10 feet north of cell 10 on February 21, 2013, and 15 feet west of cell #10 (including its northern extension of 10 feet from the preceding over-excavation) on February 26, 2013.

Impacted soils were leaded directly into lined roll-off boxes placed on-site adjacent to the excavation area. Soil conditions that required further characterization prior to disposal were not encountered.

4.2 Transportation and Disposal

Previous soil data from the area of impact was utilized to complete the profile for waste disposal. Cardno ATC provided characterization data, laboratory reports, and assisted O'Rourke with profile completion. Although data did not suggest that total PCB concentrations exist in excess of 50 ppm (18.6 ppm total PCBs was the maximum quantified in the subject area), impacted soils removed from the site were managed as a TSCA waste.

Material removed from the site was hauled by truck in accordance with applicable federal, state, and local rules and regulations in effect for the transportation of soil and concrete. Soils were disposed of at the below-referenced facility:

Wayne Disposal, Inc. (The Environmental Quality Company) 49350 N I-94 Service Drive Bellevue, Michigan 48111 EPA ID# MID048090633

PCB-impacted soils removed from the site were manifested, with the University of Cincinnati identified as the generator of the waste. Cardno ATC's representative was provided with a copy of the manifest for each truckload leaving the site. Each driver was required to have

the manifest signed at the disposal facility to document both the disposal of the load and the quantity of material disposed. Completed manifests were returned to the University by noon of the following workday.

Eleven roll-off boxes of PCB-impacted soil (167.78 tons) were removed from the site and disposed of at the above-referenced facility. Disposal documentation is provided in Attachment A.

4.3 Decontamination

To the extent practical, efforts were made to limit the contact of remedial equipment with impacted soils. Any equipment that contacted impacted soils was decontaminated before working in clean areas of the site and prior to leaving the site. Decontamination consisted of gross removal of soils from excavation/ processing equipment using brushes to remove visible soil adhering to the machine. Impacted soils brushed from equipment were contained and disposed with soils to be transported off site.

O'Rourke was required to keep dirt and dust off of the adjacent public roads. All loads in and out of the site were covered.

4.4 Site Restoration

Once confirmatory analytical data was received that documented the achievement of remedial objectives, the area was restored to its original condition. Site restoration was the responsibility of the University of Cincinnati. It was our understanding that the area was to be backfilled to an elevation consistent with the surrounding grades with "clean" fill material, covered with topsoil, seeded and strawed.

5.0 SAMPLING AND ANALYSIS

5.1 Post-Remedial Soil Sampling

At the completion of excavation activities, soil samples were collected to document post-remedial conditions. Samples were collected on a 1.5 meter interval from the floor of the excavation, as outlined in 40 CFR 761.61(a)(6) Subpart O. This grid system resulted in the collection of 18 evenly spaced samples from each of the 27.5 x 17.5 feet "cells" previously established at the site. Each subset of samples from each cell was composited in the laboratory prior to analysis, thereby resulting in the laboratory analysis of a total of 8 composite floor samples. Each sample was labeled with a prefix of the cell identification that it is collected from, followed by the grid # (i.e., samples from cell 1 was labeled C-1-FL).

Exterior sidewall samples were collected and analyzed on the same frequency as noted above. Samples were not collected from the sidewalls against paved surfaces (i.e., the building or sidewalks). Each sidewall sample was composited for the given surface from each cell. A total of seven sidewalls were sampled: three consisted of a composite from six three composite from consisted of a samples. and four Thus, a total of 30 sidewall samples were collected, and composited into seven samples for laboratory analysis. Sidewall samples were labeled as above, with identification of the wall sampled (i.e., C-1-SW for the first sample from the south wall from cell #1).

Samples were collected from exposed soil surfaces with a stainless steel trowel. The trowel was decontaminated between sample sets. The sampler wore nitrile latex gloves that were changed between samples to prevent possible cross-contamination.

Samples were sealed in two-ounce glass jars with Teflon-lined lids (placed on ice upon collection) for laboratory analysis. Each sample was assigned a unique identification number. Each sample jar was labeled with the identification number, sampling date, sampling time, and project name. Samples were transported using chain-of-custody controls to ALS Global Laboratory's facility in Blue Ash, Ohio. Samples were analyzed for total PCBs by SW 846 Method 8082 on a 24-hour rush turnaround basis. Copies of laboratory reports are included in Attachment B.

Any sampled excavation surface that did not meet the remedial objective (i.e., lab data met or exceeded the 1 ppm total PCB remedial objective) was over-excavated laterally at the direction of the University of Cincinnati field representative, as detailed in Section 4.1. Although the west wall of cell #10 did not exceed the ARAR, the decision was made to conservatively excavate shallow soils from cell #17, based upon findings from the west wall of cell #18 (see Figure 2).

Excavated soils were direct-loaded for off-site transport/disposal as noted in Section 4.2. Any over-excavated areas were resampled using protocols outlined above. This process was repeated until post-remedial soil conditions satisfied the remedial objectives. General sample locations (the excavation surface from which they were composited) and analytical data are shown spatially in Figure 2. Laboratory analytical data are summarized in Table 1. Data from samples that were over-excavated are shaded in the table and figure.

5.2 Quality Assurance/Quality Control

Data quality objectives were consistent with those as outlined in USEPA Guidance for Superfund Sites. Such QA/QC procedures called for the collection and analysis of trip blanks, equipment blanks, field blanks and blind duplicates for field activities, generally on a one per twenty samples to be analyzed basis). A trip blank was submitted with each set of samples analyzed. One equipment blank, one field blank and one blind duplicate were also submitted for analysis.

Blanks were collected using distilled water. Each trip blank was prepared at Cardno ATC's office and placed in the cooler prior to being transported to the site. The field blank was filled in the field concurrent with sample collection. The equipment blank was collected from rinseate off the trowel, following decontamination between sampling of the fourth and fifth cell. A duplicate set of samples was collected (consisting of 18 samples) from the fourth cell, and submitted "blind" to the laboratory for compositing prior to analysis. It was labeled with a prefix of "8" (C-8-FL).

All of the samples were extracted by SW 846 Method 3550 and analyzed for total PCBs via SW 846 Method 8082. Internal QA performed by the laboratory included one Matrix Spike/Matrix Spike Duplicate per 20 samples, a Laboratory Control Sample (a spike blank), and a laboratory blank. Data validation was performed by ALS, and reviewed by Cardno ATC. ALS's complete QA plan is available for review upon request.

PCBs were not detected in any of the blanks analyzed. Laboratory QC results met laboratory specifications. Analytical data from the duplicate sample (C-8-FL) and the original (C-4-FL) were both non-detect with identical detection limits. QA/QC duplicate sample results were compared to original sample results. Relative percent difference (RPD) was used as a measure of duplicate variance from the original sample (see QAPP). A RPD less than 50% for soils was considered acceptable. RPD was calculated for the subject sample pair. The RPD was 0% which is well within the acceptable range.

Review of QA/QC information suggests that collected data meet data quality objectives, and that the data may be relied upon to support the conclusions of this study.

6.0 CONCLUSIONS AND RECOMMENDATIONS

PCB-impacted soil was removed from the subject area of impact along the west side of Morgen's Hall on the University of Cincinnati campus during February, 2013. Eleven roll-off-boxes (167.78 tons) were removed and disposed of at Environmental Quality's Wayne Disposal facility in Bellevue Michigan. Post-remedial sampling analysis did not quantify residual conditions in excess of the ARAR of 1 ppm total PCBs.

Findings as outlined above indicate that remedial objectives were met for the project. Accordingly, no further investigation is recommended.

7.0 PROJECT DOCUMENTATION / CERTIFICATION

This report was prepared at the completion of remedial activities to document site remediation and associated post-remedial site conditions. The report includes a description of methodology, waste manifests, data summary tables, figures, and complete laboratory reports (including laboratory QA/QC). Work performed on this project has been performed in general accordance with standard industry practice and applicable regulatory protocols. We certify that the information contained within this report is an accurate representation of our methods and findings.

Matthew Munte	
Matt Overbeck, Staff Geologist	70 V
Report Author	

Michael J. Luessen, P.G./C.P., Principal Consultant Senior Reviewer

On behalf of the University of Cincinnati (the property owner and party conducting the cleanup), I certify that this remedial report, as well as pre-remedial sampling workplans and an associated *Soil Delineation* report will be maintained on file at the University of Cincinnati Office of Environmental Health and Safety, where it will be available for EPA inspection per 40 CFR 761.61(a)(3)(i)(E).

(signed name)

JAN ARTHUR LITRECHT

(printed name)

DIRECTOR, ENV. HEARTH & SAFETY

(title)

May 6, 2013

7.0 PROJECT DOCUMENTATION / CERTIFICATION

This report was prepared at the completion of remedial activities to document site remediation and associated post-remedial site conditions. The report includes a description of methodology, waste manifests, data summary tables, figures, and complete laboratory reports (including laboratory QA/QC). Work performed on this project has been performed in general accordance with standard industry practice and applicable regulatory protocols. We certify that the information contained within this report is an accurate representation of our methods and findings.

Matt Overbeck, Staff Geologist For Report Author
Michael J. Luessen, P.G./C.P., Principal Consultant Senior Reviewer
On behalf of the University of Cincinnati (the property owner and party conducting the cleanup), I certify that this remedial report, as well as pre-remedial sampling workplans and an associated <i>Soil Delineation</i> report will be maintained on file at the University of Cincinnati Office of Environmental Health and Safety, where it will be available for EPA inspection per 40 CFR 761.61(a)(3)(i)(E).
s s
(signed name)
(printed name)

(title)

(date)

LIST OF ATTACHMENTS

TABLES

Table 1 - Summary of Soil Analytical Results

FIGURES

Figure 1 – Original Excavation Area Figure 2 – Post-Remedial Soil Conditions

ATTACHMENT A

Waste Disposal Documentation

ATTACHMENT B

Laboratory Analytical Reports

TABLE

TABLE 1 - SUMMARY OF SOIL ANALYTICAL RESULTS

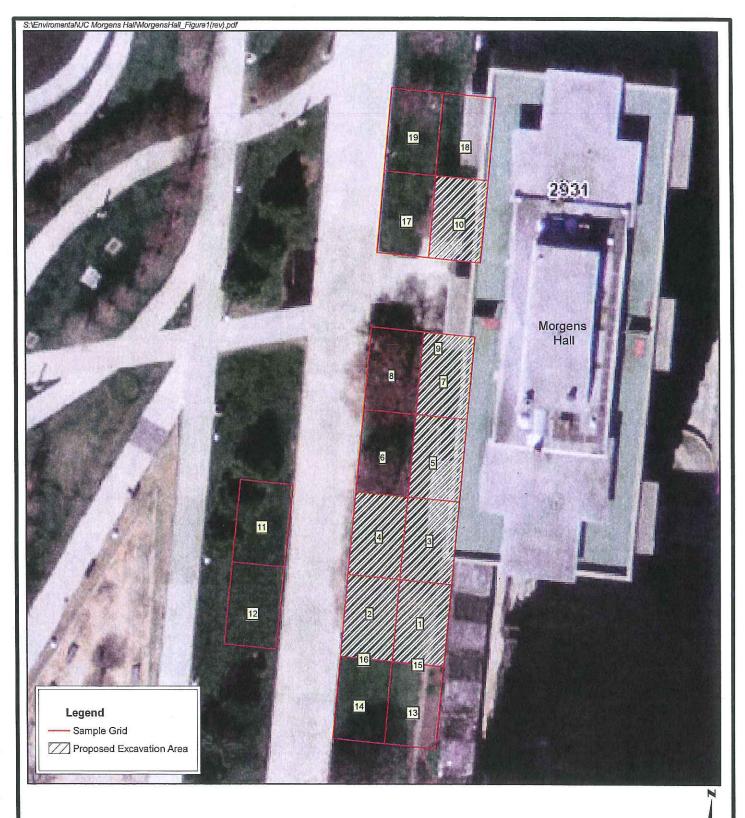
Morgens Hall University of Cincinnati Cincinnati, OH (all results in mg/kg)

	Sample ID	C-1-FL	C-1-SW	C-2-FL	C-2-SW	C-3-FL	C-4-FL	C-4-NW	C-5-FL	C-5-WW	C-7-FL	C-7-WW	C-10-FL	C-10-NW	C-10-WW	C-17-FL	C-18-FL	C-18-NW	C-18-WW	C-19-FL	C-19-NW
D	epth (inches)	6	3	6	3	6	6	3	6	3	6	3	- 6	3	3	6	6	33	3	6	3
Di	ate Collected	02/19/13	02/19/13	02/19/13	02/19/13	02/19/13	02/19/13	02/19/13	02/18/13	02/18/13	02/18/13	02/18/13	02/18/13	02/18/13	02/18/13	02/26/13	02/21/13	02/21/13	02/21/13	02/26/13	02/26/13
	PCB-1016 (Aroclor 1016)	<0.22	<0.20	<0.21	<0.20	<0.22	<0.21	<0.21	<0.020	<0.020	,<0,019	<0.022	<0,019	<0.020	<0.021	<0.020	<0.20	<0.21	<0.22	<0.021	<0,022
	PCB-1221 (Aroclor 1221)	<0.43	<0.41	<0.41	<0.40	<0.45	<0.42	<0.42	<0.040	<0.041	<0.038	<0.044	<0,038	<0.040	<0.041	<0.040	<0.41	<0.42	<0.44	<0.043	<0.045
PCB	PCB-1232 (Aroclor 1232)	<0.22	<0.20	<0.21	<0.20	<0.22	<0.21	<0.21	<0.020	<0.020	<0.019	<0.022	<0.019	<0.020	<0.021	<0.020	<0.20	<0.21	<0,22	<0.021	<0.022
SOS	PCB-1242 (Aroclor 1242)	<0.22	<0.20	<0.21	<0,20	<0.22	<0.21	<0.21	<0.020	<0.020	<0.019	<0,022	<0.019	<0,020	<0.021	<0.020	<0.20	<0.21	<0.22	<0.021	<0.022
8082	PCB-1248 (Aroclor 1248)	<0.22	<0.20	<0.21	<0.20	<0.22	<0.21	<0.21	<0.020	<0.020	.<0.019	<0.022	<0,019	<0.020	<0,021	<0.020	<0.20	<0.21	<0.44	<0.021	<0.022
	PCB-1254 (Aroclor 1254)	<0.22	<0.20	<0.21	<0.20	<0.22	<0,21	<0.21	<0.020	<0.020	<0.019	<0.022	<0.019	<0.020	<0,021	0.11	0.37	0,25	1.3	0.41	0.26
	PCB-1260 (Aroclor 1260)	<0.22	<0.20	<0.21	<0.20	<0.22	<0.21	<0.21	0.093	0.31	0.13	0.18	0.28	1.0	0.31	<0.020	<0.20	<0.21	<0.44	<0,021	<0.022

^{*} Bolded Value exceeds the ARAR of 1 mg/kg

^{*} Shaded Column indicates data is from a surface that was removed/over-excavated

FIGURES



0 30 60

Aerial Photo Courtesy of CAGIS (2011)

ORIGINAL EXCAVATION AREA

SOIL REMEDIATION Morgens Hall University of Cincinnati Cincinnati, Ohio 45219 Date: 04/30/2013

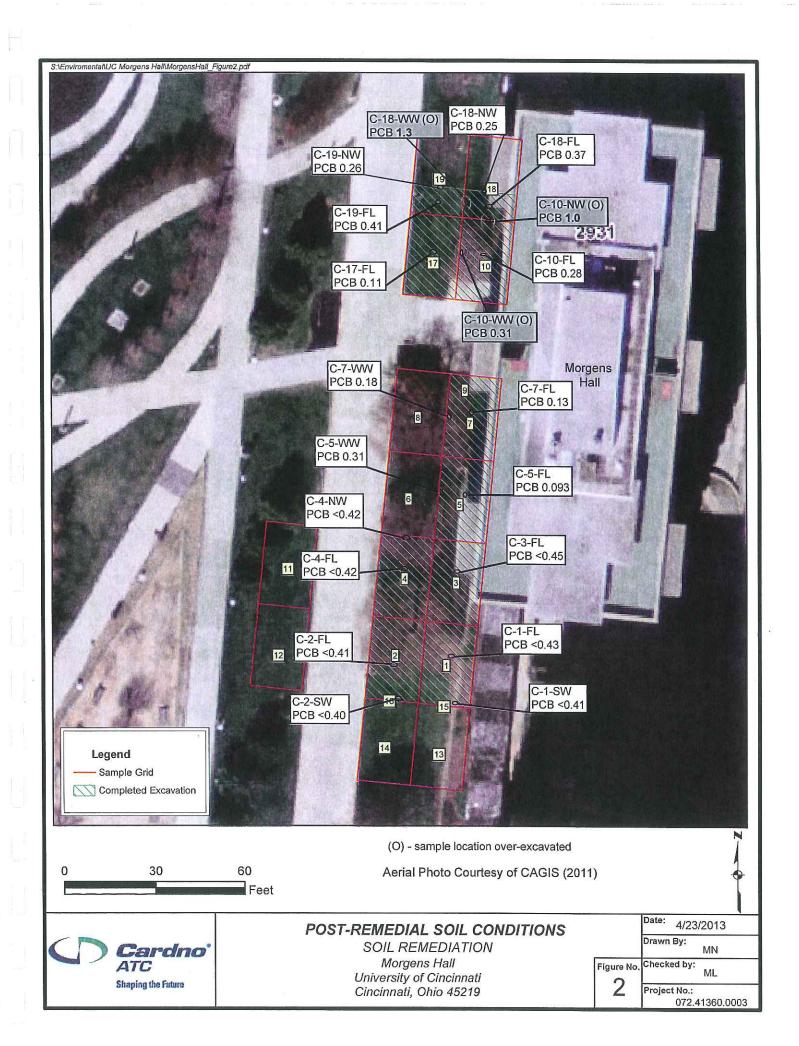
Drawn By:

Figure No. Checked by: ML

1

Project No.: 072.41360.0003





ATTACHMENT A

Olean		int or type. (Form design	vari for usa r	n alite (12-nitch) tv	pewriter.)							Approved.	JAB No. 7	050-0039
†	UNI	FORM HAZARDOUS VASTE MANIFEST	1. Generalion	0 Number 0,4 1 0 8 4		2. Page 1 of	40373.4	ncy Response P 318-0097		A Manifest Tr	าดถ	769	6 VI	ES
	5. G	enterstor's Name and Mailin	g Address	PAIRE SILY	OF CINCINHAT	EH&S	Generator UNIVE	RSITY OF CAMPUS CHARLTO NINATI, OF	CINCIP ON STRE 4 45221	n making address INIATI ET)	,		
Ш	6. 1	rendo's Phone: ransporter 1 Company Nam	**							U.S. EPAIDN		10.		
		HAD TRANSPOR								JOKD		1 5 8	3 7	5 †
	7. T	ransporter 2 Company Nam)Q:							U.S. EPAIDH	TELIDOR.			1
Ш									·· <u>·</u> ····	U.S. EPA ED N	urher	,		
	9. D	Pesignated Facility Name an	A SIE ADOPES	WAYNE DISI 49350 N I-94	POSALING. SERVICE DRIVI	E								
	Fac	any's Phone:		DE LLEVILLE			т	4.5.1		MIC		8 G G	₫ €	3 3
	9a Hi		ion (excluding anyi)	Proper Shipping Name	e, Hazard Class, ID Numbe	pr,	1	10, Contain	Тура	11, Tobal Quantity	12. Unit WL/Vol.	13.	Waste Cod	95
124	137	"		JERIAL CON	TAINING PCES							rens-		
GENERATOR								001	СИ	15450	K.			
¥	H	2.												
5	1								1		1			
H	┞	3.		 		·	-							
	١	ľ								l		<u> </u>	 	
11	L								 	 	 	 	-	
Ш		4.							1	1	1	 	 	
11	1	· ·			ADDENDUM AT				1		<u> </u>	<u> </u>	<u> </u>	
			ROR'S CERTI	FICATION: Thereby re in all respects in pr	B-6	f this consigner t according to a what EPA Actor	nowledgmor generator) s	a of Consect.	menus Sara	A COLUMN TO THE PERSON NAMED OF THE PERSON NAM	hipping nar a. If export :		etalified, pe Lam the Pr	
	G	MATT	Typed Hages	ETZER	•	1	Signature	LAND	del	noth			02/	9113
F	1	6. International Shipments		Import to U.S.		Export in	om U,\$.		nirylexit _					
	-	Transporter signature (for ea 17. Transporter Adknowledge		i al filabata				Date las	ming U.S.:					
1	₽.	emporter 1 Project Types	Name	1 OT MANUAL			Specture	Ja	11					913
	ŽΙ	Vouid Co	10				ساليا	- 17 L7	ve_	, ,,, ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,			OUT I	ay Year
	IKANSPOK EN	Transporter 2 Printed/Typed	Name				Signature							1
ſ	1 H	18. Discrepancy						r-1						Rejection
		18a, Discrepancy Indication OK + O V (II) 18b, Alternate Facility (or G	Space	_1 country VaSt1 NO	11 pir Da	IVI M	aas	Registers VIII Varified Refero	//A nos Number:	U.S. EPAI	Rejection 2 D Number	19/1	3	zelectext
	ACIL!				-			`		ı				
		Facility's Phone: 18c. Signature of Alternate	Facility (or Ge	nerator)	·······			<u> </u>					Month	Day Year
1	到	19. Hazardous Waste Rep	od Manageme	nt Method Codes (i.e.	, codes for hazindous was	is inscinent, di		racycling system	4}					
-	ä	1 nnna		2.			3.			 ⁴.				
1	Į į	20. Designated Facility CN			and of horsestone materials	covered by the	manifest o	ni baton sa notad in	Harn 184		···			
		Printed/Typed Hearte	ner or Openio	ti la	A LINE COM INCH SE	vintony ay an	Signatur	1/5				_	216	2)1/2
	*			orlitions are observ	eer .		4			DECICN	ATED E	ACU ITY		MERATO

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD P O BOX 453 WEST CARROLLTON, OH 45449

Receipt ID: 1228067 EQ Account #: 6041

Manifest / BOL: 000607696VES

Transporter: TRIAD

Date: 02/20/2013

Time In: 9:11 AM Time Out: 1:47 PM

		Time Out: 1:47 PM
Line	Description Generator	Qty. Unit
1 - 1	B139019WDI - Soil Contaminated with PCBs	16.870 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 75,540 Tare: 41,800 Net: 33,740	
2	Wayne Disposal Host Community Agreement Royalty Fee	16.870 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 75,540 Tare: 41,800 Net: 33,740	
3	DIG OUT	1.000 EACH
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 75,540 Tare: 41,800 Net: 33,740	

CERTIFICATE OF DISPOSAI

FOR MANIFESTED PCB WASTE

and spe	ecified on Mani	fest#	000 607 696 VES	, Line Item	has been landfilled on
_	Feb 20	, 2013	in accordance with al	l'local, state and fed	eral regulations by:
	T	Way	yne Dispo	sal.Inc	
	AUP.		(EPA I.D. # MID04	•	
		49350	N. I-94 Service Drive, Belle Telephone: 1-800-KWALI Fax: 1-800-KWALFAX	ГҮ (592-5489)	·
1001 and 15 U.S.C to the identified so	C. 2615), I certify ection(s) of this dy responsibility fo	that the in	formation contained in or actor which I cannot personal	ecompanying this docur ly verify truth and accu	tements or representations (18 U.S.C.) nent is true, accurate and complete. As racy. I certify as the company official the verification that this information
			me wh		



Pla	ese pr	rint or type. (Form desig	ned for use on	6‱ (12-pilch) typewri	ter.)						Pour	Approved. C	HER No. 2	GED MOSO
1	ÜN	FORM HAZARDOUS	1. Generator ID	Number	•	2.Page 1 of	3. Erner	gency Respon	ee Phone	4. Manifest	Tracking No	मुगारेका		
П		ASTE MANIFEST		4106476	7	1	(877)	818-0087	1	1 00	กลัก	7697	7 VF	2
	₹ G	enerator's Nama and Marin	` y	NIVERSITY OF INCINNATI, OH	CINCINNATI 45221-0218	EH2S	General UNIV VVES	ERSITY CAMPL	SE (FORWARD) OF CINC IS TON STE	han insting addres INNATI	s j		r ar Bu	
П		erator's Phone: 513 55				1	CINC	INNATI	OH 4522	1				
11		ansporter 1 Company Nam			· · · · · · · · · · · · · · · · · · ·					U.S. EPAID!	Vinder			
П	1	TRANSPORT				***************************************				OKD	9.8	1 5 g	8 7 g	1
П	7.10	and varies of Country (1911)	4							U.S. EPA ID I	kimber			
П	8, De	esignaled Facility Name an	Sia Address.	//										
		.,.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	46	MAS PER PER	AICE DEAF					U.S. EPA ID !	(muper			
	_	ty's Phone: SOI 50		ELLEVILLE, MI			***************************************	·		NIC	ે ઉં લ	ខេចខ្	C 6 3	3
	9a. HM	and Packing Group (if a	xı (including Proc ny))	er Shipping Name, Hazar	d Class, ID Number,		ļ	10. Cont		11. Total	12.Unit	13. W	aste Codes	
L		MON-REGULA	TED MATE	RIAL CONTAIN	ING PCRs			No.	Type	Quantity	WILVOI.	- 2CD6 		
GENERATOR								0 0 1	СМ	15450	к			
S	Γ	2.			· · · · · · · · · · · · · · · · · · ·						 			
Ĭ			***											
11		3.			· · · · · · · · · · · · · · · · · · ·				1					
							- 1							
		4.			****	·								
П							1							
Ш	14.5	special Handling Instructions	and Additional i	normation a more	L1701 16 1 2 TTTT	24150 55	1							
	by 1	VESTS -J- 1) W:	341288 A:E	QB139019WDI	NDUM ATTA	CHEDFO	JK AD	OTHONA	LTSCA I	NFORMATI	ON - EA	Service :	Contrac	ted
	Ì			8-5	31									- 1
	46	A51-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		μ	•				_					
П		GENERATOR'S/OFFEROM marked and labeled/plecan Expender Leadily that the							escribed zboy tional govern	e by the proper chi nentel reculations.	pping name. If except shis	, and are classif	ed, peckag	şıd,
Ш		Exporter, I certify that the c I certify that the waste mini										La collection of dead of	malde e. sili tremi	']
	cane	AND A COUNTY OF THE PROPERTY OF	State 1	ETTE		Sig	netyry	<u> </u>	7 /	As As	••	Month	Day	Year
¥ 1		MHT/ hamational Shipments	JL HN	FILEK		L	M	AHV	<u> ACU</u>	my		102	119	13
INT.		sporter signature (for export	import is onlyj;	to U.S.		Export from L	J.S.	Port of e	ntrylerāt: ring U.S.:					
TRANSPORTER	17. Ta	ansporier Acknowledgment	of Receipt of Mad	erials				- UK KA3	THE WAY					
Š	il a	CELTONIA CONTRACTOR	я. ¬ \Л			Sign	Maria L	CLIVA				Month	Day	193
SS.	Trans	porter 2 Printed Typed Nam))	<u> </u>		i	nature	<u> برت ر</u>			····	Worth		
ER.												360001	Day 1	Year
1	18. Di	iscrepancy	124 2 52											
	У,	ALIKA MENERAL		1334K	1 🗆 🛶	PIV.]paka)	NGC -		64 (O		22	ग्राड
I	UK	to rimov	1 Was	M354KU H1 (Odi)	our Da	V 111	USZ	Not Salama)	ヤル	12/	19/13	9	NC.
LΙΔ	185. /	Viternale Facility (or Genera	ior)	7		••	79404	ATOM TODISTORE	a leanings.	U.S. EPA ID N	arnber			-
FAC	Farit	iy's Phone;								ī				
		ignature of Allemate Facili	y (or Generator)			······································				<u> </u>		Month	Day	Year
DESIGNATED FACILITY	40.11												1	1
S	19. 1	ezerdous Weese Report Ma	nagament Memo	d Codes (i.e., codes for he 2.	zzerdous wasto fraetz	ment, disposal	, and recyr	ding systems)		17				
ı		10111.								4.				- 1
	20, Or Ponte	esignated Facility Owner or d/Typod Name	Operator: Certific	ation of receipt of hazard	ous meterials covere			an Oxford in the	m f6a		· · · · · · · · · · · · · · · · · · ·			
ļ			NO T	promules.		1 4			4			- 19	20	1
ΕPA	Form	8700-22 (Rev. 3-05) P	revious editions	ars obsolete.					<u>'</u> '	DESIGNATE	ID EAC	1 177 70 1		
									•		~~;	-11 11 11 4		MILIT

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD P O BOX 453 WEST CARROLLTON, OH 45449

Receipt ID: 1228068 EQ Account #: 6041

Manifest / BOL: 000607697VES

Transporter: TRIAD
Date: 02/20/2013

Time In: 9:18 AM Time Out: 3:50 PM

		Time Out: 3:50 PM
Line	Description Generator	Qty. Unit
1 - 1	B139019WDI - Soil Contaminated with PCBs	19.090 TONS
	OHD041084767 UNIVERSITY OF CINCINNATI	
	Gross: 70,160 Tare: 31,980 Net: 38,180	
!	DIG OUT	1.000 EACH
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 70,160 Tare: 31,980 Net: 38,180	
1	Wayne Disposal Host Community Agreement Royalty Fee	19.090 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 70,160 Tare: 31,980 Net: 38,180	

This certificate is to v	verify the wastes specified on Manifest #	060667697 465
have been proper	ly disposed of in accordance with all local, state	e and federal regulations.
"Disposed	of" means either: 1) Burial or 2) Processed as specij	fied in 40 CFR et sea.
	•	
FACILITY NAME: (Please check one)	Michigan Disposal Waste Treatment Plan (EPA I.D. # MID000724831)	t Wayne Disposal, Ind (EPAID. # MID048090633)
ADDRÉSS:	49350 N. I-94 Service Drive Belleville, Michigan 48111	
PHONE NUMBER:	1-800-592-5489	
FAX NUMBER:	1-800-593-5329	٠,
Authorized Signature:	mh W	



1007

Ç ea	sąpi	int or type. (Form design	ned for use	on elite (12-pitcl	i) typewriter.)							Font	Approved. (MAS No	. 2050-003
Ť	UNI	ORM HAZARDOUS	1. Generator	ID Number		2 P	age 1 of	3. Eme	gency Response	Phone	4. Marifiest	racking in	anber		
		ASTE HANFEST		04106	4787		†	(877)	815-0087		UU	<u>U6U</u>	769	3 V	'ES
		nerator's Name and Mažin rator's Phone: 513 55	•	CINCINA	TY OF CINCI 10218 TI, OH 4522	NNATT EH 1-0218	25	UNIX WES 45 W CINC	YASHAMIYASI YERSITY C T CAMPU! (CHARLT JINNAT), C	(i different to F CINC S ON STR VH 4522	nan maising address INNATI BEST 1	3)			
Ш	6. Tra	nsporter 1 Company Nem	\$					ļ			U,S, EPA iD l	URTHORN			
П	TR.	AD TRANSPOR	T, INC								TOKE	98	1 5 8	ę r	<u>9</u> 1
	7, In	nsporter 2 Company Nam	i¢ .								U.S. EPA ID N	kunber	······································		
	a. De	signsted Facility Name an	d Sila Address	₩AYNE DI 49350 N I-0	SPOSALING 14 SERVICE I	DRIVE					U.S. EPAID N	lianipėt			•••
Ш	Facili	Vs Phone: 930 59	7-5480	BELTEAILT	E.MI 48111						14:0	3.4	8 6 8	9. 6	3 3
П	Sa.	9b. U.S. DOT Descripto	on (including F	rocer Shioping No	amo, Flazzrd Class, R	O Number.			10. Contai	ners.	11. Total	12. Unit			
Ш	НМ	and Padeing Group (if a	ruij)						No.	Тура	Cluantity	WLVol.	13, 14	hste Co	das
2		NON-REGULA	AM CET	TERIAL CO	MTAINING F	°CBs							neps		
2								i	0 0 1	C M	15150	٠,,			1
GENERATOR		<u> </u>		. , , , , , , , , , , , , , , , , , , ,						- 89	15450	K			1
퓠		2.													1
ĭ							-			1		ļ	 		
- [3.								<u> </u>	<u> </u>				
Ш		1]	l				
										1					
	_	4.	~~~							 	2.	!			<u> </u>
										1		1			
Ш								i		1	1			 	1
	14.8	pecial Handling Instruction	e and Addition	al information	400500							<u> </u>	<u> </u>		
П	ter v	VESTS -1- 1) W.	341288 A	F0B1390	ADDENDUM	ATTACM	EL/ F	UM AL	KARIAKAL	. ISCA I	NE CESSIA (1	(JN - E	≺ Service	Conn	racted
Ш	-7				.4.7901										
П				••	p l _r	<i>5</i> 93									
	15.	GENERATOR'S/OFFERO	R'S CERTIFI	ATION: I hereby	decises that the con	abonts of this cons	i i i i i	l arm fully a	and accumulally de	actions abou	e by the proper st	ipping nem	, and are class	Mad, pe	daged,
П		marked and labeled/places Exporter, I certify that the o	rded, and are i	in siii nespecta in p consinoment cu	roper condition for to from to the terms of	anaport according	g to app	iicabla inta	mafonal and nat	inerog lanci	mentai seguielions.	If export si	ipment and I at	n no Fr	mary
П		I certify that the waste min	inization state	mentidenSied in	40 CFR 262.27(a) (8	f i ant a lerge qu	entity go	neusion) or	(b) (ill am a sm	ell questily g	progrator) is true.				
	Gene	rator's/Offeror's Printed/Ty	ped Name	J	C ()		S	gnatuya	-4	777			Mont		
ŧ		VIATI S	CHI	VF1Z	E/C		\perp	AA	MITAN	40U	142 <u>}</u>	-	10:	2-1 P	9113
NT	16. ka	ilemational Stapments		port to U.S.		Exp	ort from	U.S.	Port of e	rby/sxit:					
		sporter signature (for expo							Date is an						
Ų		ransporter Adknowledgmen		Meterists											
Š	1.	porter 1 Printed Typed Na	me /	Δ1	,		Şi	SOURCE	<i>)</i> \ \ \	16	A.a.		Mont		ry Year
SP	*	sporter 2 Printed Typed No	410	ドレカハ	<u> </u>		L_	Y -4	mu	1-10R	PER 1				1916
TRANSPORTER	\$1.810	sharing a canalogy sharp and	at yes				1 2	mature					Mont	h D	ny Year
_	10.0	fscrepancy							,,						
1			New	/	7.4		·····			· · · · · · · · · · · · · · · · · · ·					·,• · · · · · · · · · · · · · · · · · ·
		Discrepancy Indication Sp. 1710 VCC PCBCC	~~ ×	Quantity Trans	ye Naas	Type Aice	der.	pc	- Fasicius	z .	Partial Re	ecton	L	_ Full R	ejection
	Λ	C+1361 1. P	1/14-F	为为	A AV	UNIV DV	ميا!! مراا	MAZ	CON	1001	0 2	241	3.JV		
حح	181	Alternate Facility for General	-	1-1-1	S FO DE		A.C.	1 ACV PA	enthal Referent	B Rankari	U.S. EPAIS		<u>~~~</u>		
Ę					· ·	•									
¥	Facili	ity's Phone:	4								1				
品		Signature of Aliamate Fact	tity (or Genera	sor)		,,,						-	Mon	th C	ay Yuar
DESIGNATED FACILITY													- 1	1	1
흪	19. H	azardova Washi Bapat M	lanagement M	ethod Codes (i.e.	codes for hezzericus	s weste beatmen	i, disco	sei, end rex	yding systems)						1
岩	1.	Jahat h	140	2			3,				4.		, , , , , , , , , , , , , , , , , , , 		
Ī	~	100410	////	1			1	٠			1				
۱۱		esignated Facility Owners	or Operator: C	ertification of nece	ict of hezendown men	orials covered by	the Itse	nijest acce	pt as noted in the	m 18a					
		od/Typed Name			7.			OU3053	م شخصی	<	-	بيبين	≫ Mon		ey Year
lŧ			v(()'	ur plu			_Ł		—				<u> 1</u> 6	Lþl	013
EP	Form	n 870:0-22 (Rev. 3-05)	Previous edi	tions are obsole	ite.		-				DESIGNAT	er es			

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD P O BOX 453 WEST CARROLLTON, OH 45449

Receipt ID: 1228069 EQ Account #: 6041

Manifest / BOL: 000607698VES

Transporter: TRIAD
Date: 02/20/2013

Time In: 9:22 AM Time Out: 3:58 PM

		Time Out: 3:58 PM
Line	Description Generator	Qty. Unit
1 - 1	B139019WDI - Soil Contaminated with PCBs	14.650 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 70,940 Tare: 41,640 Net: 29,300	·
2	DIG OUT	1.000 EACH
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 70,940 Tare: 41,640 Net: 29,300	
3	Wayne Disposal Host Community Agreement Royally Fee	14.650 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 70,940 Tare: 41,640 Net: 29,300	

S
0
\sim
ISP
S
ICATE OF
()
ER

This certificate is to v	verify the wastes specified on Manifest #	000667698 VES
have been proper	ly disposed of in accordance with all local, sta	ate and federal regulations.
"Disposed	of" means either: 1) Burial or 2) Processed as spec	cified in 40 CFR et sea.
FACILITY NAME: (Please check one)	Michigan Disposal Waste Treatment Pla (EPA LD. # MID000724831)	ant Wayne Disposal, II
ADDŘESS:	49350 N. I-94 Service Drive Belleville, Michigan 48111	
PHONE NUMBER:	1-800-592-5489	
FAX NUMBER:	1-800-593-5329	
Authorized Signature:	muh	



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Plea		nt or type. (Form desig	ned for use	on elite (12-pitch) ty	pewriter.)						,			. OMB N	2050-0039
†		Olde HAZARDOGS	1. Generato		leg Ju to	2. Page 1 of	٠.			one	4. Manifest			ו מנ	/EC
		AŞTE MANIFEST nerator's Name and Mallin		041064	· · · · · · · · · · · · · · · · · · ·	. 3	(877) Generate	818-00 or's Site Add	ess (if	different th	an mailing addres	<u> </u>	769	<i>1</i> 3 \	/EO
			/	HARRESSALVA	OF CINCINAL	vii ehas .		ERSIT	10	CINC	an mailing addres	~, 			
		•		CINCINNATI,	OH 45221-02	18	45 W	CHAR INNATI	ĽŢĊĮ	V STR	eet				
	Gene	rator's Phone: 519 50	18-4975			`	CINC	INMATI	.QH	4522	-				
		insporter 1 Company Nam AD TEANSPOR		-		•					U.S. EPAID N		4 25 0		
		ensporter 2 Company Nam			····			;			U.S. EPAID N		1 5 8	- 	¥ 1
		. , , ,													
	8. De	signated Facility Name an	d Site Addre	SWAYNE DISP	OSAL INC	·····				<u>- · </u>	U.S. EPAID N	lumber			
		•		40350 N I-94 S	SERVICE DRI	VE .			ı				· · · · ·		
		900 50	2-5488	BELLEVILLE,	MI 48111	4,	• •		•		[M + D	กล	0 m e	5 fr t2-	2 4
П	_	ty's Phone:		Day of the fact that	10 101		<u>^`</u>					r ;	७ ६ १	3 0 6	. 2 8
П	9a. HM	9b. U.S. DOT Description and Packing Group (If a	on (including any))	Proper Snipping Name,	Hazard Class, ID Num	nber,		10. Go	ntainer	S . Type	11. Total Quantily	.42. Unit Wt.Nol.	13	. Waste Co	ides.
Į.		MON-PEGINA	TED M	ATFRIAL COM	FAINING FCH			110.	1	1340			PCB	Ι	T
Ö		1 .						0'0	, ,	: M	15450				-
GENERATOR		2.	i.			···		0 11	<u>' '</u>	~ 1¥1	79490	K			
籄		2			•			-	-						.
						·						•	Sobranesterilerie Pri	i i i i i i i i i i i i i i i i i i i	
		3.						•	1					 	
									-				Markingaranana		معداة مستفاطنة
ŀ		4.			· · · · · · · · · · · · · · · · · · ·				_		·			<u> </u>	
		<u>"</u>						•	.					<u> </u>	-
				•											
	l '	pecial Handling Instruction		741	DDENDUM AT	TACHED FO	OR AC	OITION	AL.T	SÇA4	NFORMATI	ON - EI	7 Service	ea Cont	racted
	φŅ,	VESTS +- 1) W	341266	A:EQB139010V	ND1	1-2					-		. , ,	•	
		₹ :-		551	2-25-	12	R-	601	6	7/					
[]	15,	GENERATOR'S/OFFERO	R'S CERTIF	ICATION: I hereby dec	lare that the contents of	of this constanment	are fully a	nd accurate	v desor	hed abov	e by the proper sh	ipping name	and are cl	assified, pa	ckaged,
	1 1	marked and labeled/placa Exporter, I certify that the	contents of ti	als consignment conform	n to the terms of the att	tached EPAAcknov	vledameni	of Consent.				. If export sh	ipment and	I am the Pr	rimary
Ш		certify that the waste min	ned Name		FR 262.27(a) (if I am	a large quantity ger Sic	nerator) or	(b) (if I am a	smail o	uantity ge	nerator) is true,			onth D	ov Voos
IJ	1	NATT SC	HIG	TIZER		l I	M	加瓦	™ 52.	TH	NOT -			7Z 1 Z	ay Year
묻	16. ln	nternational Shipments		mport to U.S.		Export from	U.S.	Port	of entry	exit:	-0			· · · · · · · · · · · · · · · · · · ·	A Park
Z		sporter signature (for expo	orts only):	•		Language Hotel			leaving						
Ę	_	ransporter Acknowledgmer sporter 1 Printed/Typed Na		of Materials		Qir	natúre)				4			-	
应	1	Demais	furf	Arlan		- I,	Marie Con	andesi	Ø	Au l	and a			onth Di	ay Year Ø⊿I &>>⇒
TRANSPORT	Trans	sporter 2 Printed/Typed Na	ime			Sig	nature	* * * * * * * * * * * * * * * * * * *		Barrier & Con-	»-4-1	·		-	ay Year
出				·					ă.		<u> </u>	·			
1	├──	Discrepancy		·							<u> </u>		, ,		
	18a. i	Discrepancy Indication Sp.	ace] Quantity Lehange 11	Туре	Δ Λ	M	Residue	3 L	6 12	Partial Rej	ection		Full F	Rejection-
		OK 10 and	55D	tchange 1	ine unc	et lave	A PARTIE AN	anifest Refer	ence N	<i>C. C/ II</i> ⊔mher	CLA	(-28	13	•	•
FACILITY	18b./	Alternate Facility (or Gene.	rator)				: <u>::</u>		-11-4-11		U.S, EPAID N	lumber			
뎧	<u> </u>	v						j			Í				
		ity's Phone; Signature of Alternale Fac	lity (or Gene	rator)							<u> </u>		T.	lonth D	Day Year
E			• • • • • • • • • • • • • • • • • • • •										1	· ·	Jay Isai
DESIGNATED	19, H	lazardous Waste Report M	lanagement	Method Codes (l.e., code	es for hazardous waste	e treatment, dispos	al, and rec	ycling syste	ns)						
ᄖ	1.	HCB.		2,		3.		and the contract of the contra							
	20 n	esignated Facility Dunce	or Qnarator	Certification of receipt of	hazardous motoriola :	causered by the man	lfact aud.	nican nata	Hom 4	\	\			 	
$\ \ $	Point		///////	Company of lensibility	maconuvus materials (nest exce	pras noted)	i neift 1	1,00	$/\!\!\!\!/\!\!\!\!/$		M	6)th 7 _B	Near
\downarrow		MILLIA I	1.0M	1441		İ İ				_ (- Carrier Control			16/2	0/2
EP/	Form	n/8700-22 (Rev. 3-05)	Previous e	ditions are obsolete.			-	-			DESIGNAT	ED FAC	ILITY T	O GEN	JERATOR

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD P O BOX 453 WEST CARROLLTON, OH 45449

Receipt ID: 1228266 EQ Account #: 6041

Manifest / BOL: 000607699VES

Transporter: TRIAD
Date: 02/28/2013
Time In: 10:35 AM

		Time Out: 11:52 AM
Line	Description Generator	Qty. Unit
1-1	B139019WDI - Soil Contaminated with PCBs	16.640 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 74,960 Tare: 41,680 Net: 33,280	
2	Wayne Disposal Host Community Agreement Royalty Fee	16.640 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 74,960 Tare: 41,680 Net: 33,280	

FOR MANIFESTED PCB WASTE

This certificate is to verify the waste	es identified as	per sl.
		, Line Item has been landfilled on
Feb 28 2013		h all local, state and federal regulations by:
Way	ne Disp	posal, Inc.
	(EPA I.D. # MID	
49350	N. I-94 Service Drive, B Felephone: 1-800-KWA Fax: 1-800-KWALFA	
1001 and 15 U.S.C. 2615), I certify that the inf	formation contained in our which I cannot persons who are acting under	ion of false or fraudulent statements or representations (18 or accompanying this document is true, accurate and complete on ally verify truth and accuracy. I certify as the company or my direct instructions made the verification that this informal.
Authorized Signature:	Mh W	
		·



OR

P]ea	se pri	nt or type. (Form design	ed for use o	n eilte (12-pitch)	typewriter.)									OMB No.	2050-0039
衤	UNIF	ORM HAZARDOUS	1. Generator i	Ö Number		2.	Page 1 of	3. Eme	gency Respons	e Phone	4. Manifest		Andrews actions as		
Ш		ASTE MANIFEST		04106	4787		1	(677)	918-0097		00	UGU	770	IO V	ES
		nerator's Name and Mailing rater's Phone: 513 558	ļ	CINGINIA HNREWAT	U218	INNATI E 21-0218	HES	Generald LIMIN VIES 45 VA CIMC	or's Sile Address ERSITY (T CAMPL CHARL INNATI, (s (If different to DF CINC IS FON STR DH 4522	han mailing addres INNATI PEET	s)			
	6. Tra	insporter 1 Company Name		•						7	U.S. EPAID N				
		AD TRANSPORT									OKD		158	8 7	9 1
	7. Tra	ansporter 2 Company Name									U,S. EPA ID N	lumber			
	R De	olanoted Facility Name and	Sita Addrace								U.S. EPAID N	lumban.		· · · · · · · · · · · · · · · · · · ·	
	5, 50	signated Facility Name and		4930UN 1-9	4 SERVICE	DRIVE	_		ı	ē	0.0, CI AIP I				
		ty's Phone: 800, 500	* * **	BELLEVILL					40.0	-1	1' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' 	1	8 0 9	0 0	3 3
	9а, НМ	9b. U.S. DOT Description and Packing Group (if ar	ny))						10. Conta No.	Type	. 11, Total Quantity	12. Unit Wt./Vol.	1	Waste Cod	es
OR.		INON-REGULA	TED MAT	TERIAL CO	NTAINING	PCBs	•	i					PCDG	Nove	
GENERATOR],		• •		;			001	CM	15450	K			
E E		2.		,								·	RNP-S Klin bridden (Nambro		- PH- PH- PH- PH-
	ŀ	3,									·				
										,					
		4.													
		-				•							***************************************		
	14. 8	pecial Handling Instructions	s and Addition	al Information	A PVPNEW IPM I	SA ATTACA	a terbera de	ድንሮን ልድ	VINITUANIA.	e nerene	IS DEMONSTRATE A SOCIETY	2351 P	<u> </u>		
ŀ	by '	VESTS + 1) W.	341206 A	:E0913901	andenda Badi	198 PA 1 1 PA 1981. 177	newr 'll'	6,46 £25. Mag	28,21 1 1 L. 1118.64	L PERLA	INFORMATI	L44 - E	r mervic	o Com	acted
		•	=			B -	(=	200 A			•				
	15.	GENERATOR'S/OFFEROI marked and labeled/placare	R'S CERTIFIC	CATION: [hereby	declare that the co	ontents of this co	onsignmen	t are fully a	and accurately o	lescribed abo	ve by the proper sh	ipping nam	e, and are ch	assified, pac	kaged,
		Exporter, I certify that the c I certify that the waste mini	ontents of this mization state	s consignment cont	form to the terms	of the attached E	EPA Ackno	wledgmen	of Consent.		· ·	ir export si	nipment and	em the Pric	nary -
ļ	Gene	orator's/Offeror's Printed/Typ MATA 5	ced Name	ETTE	R		SI 	ignature	MAS	Azl	wat			onth Da	
L L L	i .	nternational Shipments sporter signature (for expor		port to U.S.			xport from	U.S.		entry/exit; eving U.S.;	haman				
	_	ransporter Acknowledgment		Materials					Date lea	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	all confidences and sent form		<u>.</u>		·
SRT.	Trans	sporter 1 Printed/Typed Nan	N _M D.	1.10		•	. Si	gnature	77	水	And the same of th		Mo	anth Day	
TRANSPORTER	<u>Tran</u>	sporter 2 Printed/Typed Nar	116	HAX		•	<u> </u>	ignature	10 mg	1		<u> </u>	Me	onth Da	
R	18 0	Screpancy	L)	<u> </u>	· ·			_/_	d	461	44	- Paramanananananananananananananananananan	2 1	2 12	1113
\prod	M.	Distrayancy Indication/Spa	697-1-138	1204	5/1//	NG		W.C			□ Partial Re	2110		Пълъ	faciliar.
	/	IK to rem	wo l	Uasip 10	de por	Dave 1	Vars @	100	ia co	3.7	CA 13	Ecibil Treat	2/25	∐Full Re ՄIZ) /
Ľ	185.	Alternate Facility (or General		ODYN / C	· · ·				an fest Referen	ce Number:	U,S. EPA ID I	Vumber	E 20. (**)	W. 2 12 12 12 12 12 12 12 12 12 12 12 12 1	
덩		Flate Dhones									ł				
	18c.	lity's Phone: Signature of Alternate Facil	ty (or Genera	tor)		***						· · · · · · · · · · · · · · · · · · ·	M	ionth Da	y Year
DESIGNATED FACILITY	40.1	Jazamossa Maria Danasi Ma	onadomo-111	othod Codes # -	nodan (as harran	tro words I /	ant all	nol on the				···········			
DES!	19.	Hazardous Waste Report Ma	anayerrent M	2,	rydes tol Dazaldo	us wasie treatm	3.	sal, and fe	young systems)	4.				
	,	NONE		177. 0				44 :							
		Designated Facility Owner of led/Typed Name		17941		aterials covered		nifest exce ignature	pt as noted in it	em 18a			M	onth Da	y Year
╽		W.	400	stilte	Ryman.		- 1			(Marie and the second se	-		a 10	Year

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD P O BOX 453 WEST CARROLLTON, OH 45449

Receipt ID: 1228134 EQ Account #: 6041

Manifest / BOL: 000607700VES

Transporter: TRIAD
Date: 02/22/2013
Time In: 10:26 AM

		Time Out: 1:01 PM
Line	Description	Qty. Unit
	Generator	•
1 - 1	B139019WDI - Soil Contaminated with PCBs	18.750 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 82,420 Tare: 44,920 Net: 37,500	
5	Wayne Disposal Host Community Agreement Royalty Fee	18.750 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 82,420 Tare: 44,920 Net: 37,500	
3	DIG OUT	1.000 EACH
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 82,420 Tare: 44,920 Net: 37,500	

This certificate is to v	verify the wastes specified on Manifest #	00060 7700 VES
have been proper	ly disposed of in accordance with all local, state an	d federal regulations.
"Disposed	of" means either: 1) Burial or 2) Processed as specified t	in 40 CFR et sea.
·		
FACILITY NAME: (Please check one)	Michigan Disposal Waste Treatment Plant (EPA I.D. # MID000724831)	Wayne Disposal, In (EPA I.D. # MID048090633)
ADDRESS:	49350 N. I-94 Service Drive Belleville, Michigan 48111	
PHONE NUMBER:	1-800-592-5489	•
FAX NUMBER:	1-800-593-5329	
Authorized Signature:	hu wh	



print or type. (Form des	igned for use	: on stite (12	?-pitch) typewri	ror.)				,	4. Manifest T	Complete on later	mber		
INFORM HAZARDOUS	1. Generato	X ID Mumber			2. Page 1 of	ŀ	ncy Response F	*BRICK	กก	าลัก	76 <u>9</u>	AV	ES
WASTE MANIFEST	Тонц		06471			(277) E	18-0037 s Sile Address ()	different tha	n meiling address	<u>500</u>	<u> </u>	<u> </u>	
. Generator's Name and Mai	ling Address	UNIVE	CSITAGE	CINCINNA	TI EH&S	DISTY	REITYO	CINCI	n mailing address VIVATI				
		CINCI	IN THUTTON	45221-021	8	45 VV.	CHARLTO NIVATI, OI	N STRE	EET				
eneralor's Phone: 5+3	558-4975					CINC	NIVATI, OI	3 902Z1					
Transporter 1 Company No	ame								U.S.EPAIDN		4 F &	9.7	9 1
RIAD TRANSPO	RT. INC								U.S. EPAID N				
Transporter 2 Company N	an≑								1				
	3.00 . 4.44			3.8.4. 19.17:					U.S. EPA ID I	uncer			***************************************
), Designated Facility Name	SEND OUR MUCH	49250	N I 94 SE	RVICE DRIV	/E								
									4 TA : F	. 6. 3	8 6 6		2 2
Facility's Phone:	502-5490		EVILLE, MI	40111					1 ** ' `	1 13 17	, u :	. 4 .	- 4
Sa. 95.U.S. DOT Desc	notion (include	ng Proper Ship	poing Name, Has	rard Class, ID Num	bar,	1	19. Contai	_	11. Total Ocurcity	12, Upit WL/Vol.	13	Waste Co	des
HM and Packing Group	(if any))						No.	Турн		1	POBE	1	1
MON-REGU	LATED N	ATERIA	LCONTAI	MING PCBs	Ē	1				١.,	TEN		-
							8 8 1	€ M	15450	K	1KB	<u> </u>	<u> </u>
2.										1			
									Į.	1		1	1
			· · · · · · · · · · · · · · · · · · ·					 	 	╁╌	+	 	+
3.									1	1		 	
							1				<u></u>		
									1			T	
				·									
4.				····			ļ	1		1	-		
N. Special Handling Instru by VESTS -1- 1) W 34126	88 A:EQE	3139019W	B-10	8			بالد استاسيين	vise for five persons	white in the	me and are	riesalind, t	ecknoed.
14. Special Handling Instru by VESTS -1- 1 15. GENERATOR'S/OF marked and labeled) W 34126 FEROR'S CEI placarded, sro	REPLATION date in all res	3139018W thereby declar spects in proper	B-70 re that the contents condition for transp	6 of this consignment according to a	ent are fully opplicable int	and accurately a temptional and the	lescriped abo	ove by fire proper	aripping na ns. If export	me and are	riesalind, t	ecknoed.
14. Special Handling Instruction by VESTS -1- 1] 15. GENERATOR SIGN marked and labeled Experter, I carefully the Locatify that the was	FEROR'S CENTRAL STATE OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF T	RTENCATION d are in all res of this consig	3139018W thereby declar spects in proper	B-70 re that the contents condition for transp	6 of this consignment according to a	ent are fully applicable int novie/gme generator) (and accurately a temptional and the	lescriped abo	ove by fire proper	aripping na ns. If export	ime, sird are shipment sn	Casalind, pd am the l	ackaged, Primary Day Yi
14. Special Handling Instru by VESTS -1- 1 15. GENERATOR'S/OF marked and labeled	FEROR'S CENTRAL STATE OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF T	RTENCATION d are in all res of this consig	3139018W thereby declar spects in proper	B-70 re that the contents condition for transp	6 of this consignment according to a	ent are fully opplicable int	and accurately a temptional and the	lescriped abo	ove by fire proper	aripping na ns. If export	ime, sird are shipment sn	Casalind, pd am the l	ecknoed.
14. Special Handling Instruction by VESTS -1- 1 15. GENERATOR SIGN marked and labeled Exporter, Learthy to Locatify that the was Generated significance Print MATT Significance	FEROR'S CES placarded, and a the contants transifier ization bed Typed Nam CHNE	REFICATION date in all res of this consign adatement id	3139019VA i: Thereby declar spects in proper rament conform to terrified in 40 CF	B-70 re that the contents condition for transp	G this consignment according to a stisched EPA Act in a large quantity	eent are fully applicable int moved/green generator) of Signatures	and accurately a sensitional and near of Consents or (b) (if I am a se	lescribed aboutional government quantity	ove by fire proper	aripping na ns. If export	ime, sird are shipment sn	cissafad, i d I am the I Month	ackaged, Primary Day Yi
14. Special Handling Instruction by VESTS -1- 1 15. GENERATOR SIGN marked and labeled Exporter, Learthy to Locatify that the was Generated significance Print MATT Significance	FERON'S CES iplecarded env in the contents to anidenization dedityped Nam CHNE	RIFICATION of this consign a statement id T2E Import to 1	3139019VA i: Thereby declar spects in proper rament conform to terrified in 40 CF	B-70 re that the contents condition for transp	6 of this consignment according to a	eent are fully applicable int moved/green generator) of Signatures	and accurately a sensitional and in rat of Consent. Or (b) (#1 am a se	lescriped abo	ove by fire proper	aripping na ns. If export	ime, sird are shipment sn	cissafad, i d I am the I Month	ackaged, Primary Day Yi
16. Special Handling Instruction by VESTS -1- 11 15. GENERATOR'S/OF marked and labeled Exporter, I certify the I certified	FERON'S CEI plecarded, sox at the contrards to granifer its and the contrards of the contrards of the contrards of the contrards of the contrard of the contrard of Records of R	REFICATION d are in all res of this consig in statement id T2 E Import in it	3139019Wi i: Thereby declar spects in proper connect conform t terrified in 40 CF	B-70 re that the contents condition for transp	G this consignment according to a stisched EPA Act in a large quantity	eent are fully applicable int moved/green generator) of Signatures	and accurately a sensitional and in rat of Consent. Or (b) (#1 am a se	lescribed about the strong of	ove by fire proper	aripping na ns. If export	ime, sird are shipment sn	diam the li	eologed, Pomary Day 19
14. Special Handling Instruction by VESTS -1- 1 15. GENERATOR'S/OF marked and labeled Exporter, Lowrity the Locarity that the was Generator's/Offeror's Prin MATI SC 16. International Shipmer Transporter signature (to	FEROR'S CEI plecarded, mon in the combants of	REFICATION design and res of this consign in addressed to TZE Import to 1 import to 1 import of Materia	3139019Wi i: Thereby declar spects in proper connect conform t terrified in 40 CF	B-70 re that the contents condition for transp	G this consignment according to a stisched EPA Act in a large quantity	eent are fully applicable int moved/green generator) of Signatures	and accurately a sensitional and in rat of Consent. Or (b) (#1 am a se	lescribed about the strong of	ove by fire proper	aripping na ns. If export	ime, sird are shipment sn	diamited (Day Y
14. Special Handling Instruction by VESTS -1- 1 15. GENERATOR'S/OF marked and labeled Exporter, Lowrity the Locarity that the was Generator's/Offeror's Prin MATI SC 16. International Shipmer Transporter signature (to	FEROR'S CEI placarded, any at the contracts the anident zation ded/Typed Nam CHNE hts [weeports only] degrees of Rec- ed Name	REFICATION d are in all res of this consig in statement id T2 E Import in it	3139019Wi i: Thereby declar spects in proper connect conform t terrified in 40 CF	B-70 re that the contents condition for transp	G this consignment according to a stisched EPA Act in a large quantity	sent are fully oppicable introductions generatory Signature son U.S.	and accurately a sensitional and in rat of Consent. Or (b) (#1 am a se	lescribed about the strong of	ove by fire proper	aripping na ns. If export	ime, sird are shipment sn	Constituted to the Month OZ	eologed, Pomary Day 19
14. Special Handling Instruction by VESTS -1- 1 15. GENERATOR'S/OF marked and labeled Exporter, Lowrity the Locarity that the was Generator's/Offeror's Prin MATI SC 16. International Shipmer Transporter signature (to	FEROR'S CEI placarded, any at the contracts the anident zation ded/Typed Nam CHNE hts [weeports only] degrees of Rec- ed Name	REFICATION design and res of this consign in addressed to TZE Import to 1 import to 1 import of Materia	3139019Wi i: Thereby declar spects in proper connect conform t terrified in 40 CF	B-70 re that the contents condition for transp	G this consignment according to a stisched EPA Act in a large quantity	eent are fully applicable int moved/green generator) of Signatures	and accurately a sensitional and in rat of Consent. Or (b) (#1 am a se	lescribed about the strong of	ove by fire proper	aripping na ns. If export	ime, sird are shipment sn	Hooth 2	Day Y
14. Special Handling Instruction by VESTS -1- 1 15. GENERATOR'S/OF marked and labeled/ Exporter, 1 certify the Locatify that the was Generated Ald Report Prin 16. International Shipmer Transporter signature (to 17. Transporter Admosfer Transporter 2 Printed Ty Transporter 2 Printed Ty Transporter 2 Printed Ty	FEROR'S CEP placarded, smy at the contents spanishinization ded/Typed Nam CHNE tis or exports only) digment of Rac ed Name ped Hanne	REPLATION date in all res of this consist in all res of this consist in at a second in the consist in a statement in the second	3139019W i: thereby declar spects in proper or tranent conform to berrified in 40 CF	DI B-70 To that the contects consistion for transp to the learns of the a R 262.27(e) (4) and	6 s of this consignment according to a stached EPA Action a large quantity Export 6	ent are fully popicable introvied green or standard generator) in Signature or standard green or stand	and accurately a temptional and in at of Consent. Port of Date in	restried aborded government quantity and qua	ove by the proper principal regulation generator) is true	aripping na ns. If export	ime, sird are shipment sn	Hooth 2	Day Y
14. Special Handling Instruction by VESTS -1- 1 15. GENERATOR'S/OF marked and labeled Exporter, I carefly the Locality that the was Senterator's/Distor's Prin 16. International Shipmer Transporter signature (to 17. Transporter Admonlie Transporter 2 Printed Ty Transporter 2 Printed Ty 18. Discrepancy	FEROR'S CEP placarded, smy at the contents spanishinization ded/Typed Nam CHNE tis or exports only) digment of Rac ed Name ped Hanne	REPLATION date in all res of this consist in all res of this consist in at a second in the consist in a statement in the second	3139019W i: thereby declar spects in proper or tranent conform to berrified in 40 CF	DI B-70 To that the contects consistion for transp to the learns of the a R 262.27(e) (4) and	6 s of this consignment according to a stached EPA Action a large quantity Export 6	ent are fully popicable introvied green or standard generator) in Signature or standard green or stand	and accurately a temptional and in at of Consent. Port of Date in	restried aborded government quantity and qua	ove by the proper principal regulation generator) is true	atipping has it export	ime, sird are shipment sn	disamilied. I disamilied disamili	Day Y
14. Special Handling Instruction by VESTS -1- 1 15. GENERATOR'S/OF marked and labeled/ Exporter, Lowrity the Locarity that the was Generated Advisord's Prin 16. International Shipmer Transporter signature (in 17. Transporter Admonler Transborter 1 Prinad/Typ Transborter 2 Prinad/Typ Transborter 2 Prinad/Typ	FEROR'S CEP placarded, smy at the contents spanishinization ded/Typed Nam CHNE tis or exports only) digment of Rac ed Name ped Hanne	REPLATION date in all res of this company in abstract of the company in abstract of the company in the company	3139019W i: thereby declar spects in proper or tranent conform to berrified in 40 CF	DI B-70 To that the contects consistion for transp to the learns of the a R 262.27(e) (4) and	6 s of this consignment according to a stached EPA Action a large quantity Export 6	ent are fully popicable introvied green or standard generator) in Signature or standard green or stand	and accurately a temptional and in at of Consent. Port of Date in	restried aborded government quantity and qua	ove by the proper principal regulation generator) is true	atipping has it export	ime, sird are shipment sn	disamilied. I disamilied disamili	Day Y
14. Special Handling Instruction by VESTS -1- 11 15. GENERATOR'SIGN marked and labeled' Exporter, I certify the I certify that the seas Generated NO Service Print AT S 16. International Shipmer Transporter signature (for 17. Intersporter Advancede Transporter 2 Printed Tyr Transporter 2 Printed Tyr 18. Discrepancy 18. Discrepancy 18. Discrepancy 18. Discrepancy	FEROR'S CES fplacarded CES fplacarded Res fplacarded Res fplacarded Res for exports only) degrees of Res ed Name ded Name ded Name	REPLATION date in all res of this company in abstract of the company in abstract of the company in the company	3139019W i: thereby declar spects in proper or tranent conform to berrified in 40 CF	DI B-70 To that the contects consistion for transp to the learns of the a R 262.27(e) (4) and	6 s of this consignment according to a stached EPA Action a large quantity Export 6	ent are fully popicable introvied green or standard generator) in Signature or standard green or stand	and accurately a temptional and in at of Consent. Port of Date in	restried aborded government quantity and qua	ove by the proper principal regulation generator) is true	atipping has it export	arna, aard are skipment an	disamilied. I disamilied disamili	Day Y
14. Special Handling Instruction by VESTS -1- 1 15. GENERATOR'S/OF marked and labeled Exporter, I certify the I certify the the was Generator's/Diferor's Prin AT Solomore Synature (to 17. Transporter signature (to 17. Transporter Admosfer Transporter 2 Printed/Ty Transporter 2 Printed/Ty 18. Discrepancy 18a. Discrepancy Indica	FEROR'S CES fplacarded CES fplacarded Res fplacarded Res fplacarded Res for exports only) degrees of Res ed Name ded Name ded Name	REPLATION date in all res of this company in abstract of the company in abstract of the company in the company	3139019W i: thereby declar spects in proper or tranent conform to berrified in 40 CF	B-70 re that the contents condition for transp	6 s of this consignment according to a stached EPA Action a large quantity Export 6	ent are fully popicable introvied green or standard generator) in Signature or standard green or stand	and accurately a temptional and in at of Consent. Port of Date in	restried aborded government quantity and qua	ove by the proper principal regulation generator) is true	ன்றன்ற na ns. if export	arna, aard are skipment an	disamilied. I disamilied disamili	Day Y
16. Special Handling Instruction by VESTS -1- 11 15. GENERATOR'SIOF marked and labeled Exporter, Learthy that the was Generator's Discrete Print ATT Service (Instruction of the Instruction of the Instruc	FEROR'S CES fplacarded CES fplacarded Res fplacarded Res fplacarded Res for exports only) degrees of Res ed Name ded Name ded Name	REPLATION date in all res of this company in abstract of the company in abstract of the company in the company	3139019W i: thereby declar spects in proper or tranent conform to berrified in 40 CF	DI B-70 To that the contects consistion for transp to the learns of the a R 262.27(e) (4) and	6 s of this consignment according to a stached EPA Action a large quantity Export 6	ent are fully popicable introvied green or standard generator) in Signature or standard green or stand	and accurately a temptional and in at of Consent. Port of Date in	restried aborded government quantity and qua	ove by the proper principal regulation generator) is true	ன்றன்ற na ns. if export	arna, aard are skipment an	Considered to the second of th	Day Y
14. Special Handling Instruction by VESTS -1-11 15. GENERATOR SAFF marked and labeled: Exporter, Leartify the liberture Control of the teas Generator's Officeror's Print 16. International Shiptor Transporter signature (for 17. Transporter signature (for 17. Transporter Sprinted Type Transporter 2 Printed Type 18. Discrepancy 18. Discrepancy 18. Discrepancy 18. Discrepancy 18. Discrepancy 18. Discrepancy 18. Printed Type 18. Discrepancy 18. Printed Type 18. Discrepancy 18. Printed Type 18. Discrepancy 18. Printed Type 18. Discrepancy 18. Printed Type 18. Discrepancy 18. Printed Type 18. Discrepancy 18. Printed Type 18. Discrepancy 18. Printed Type 18. Discrepancy 18. Printed Type 18. Discrepancy 18. Printed Type 18. Discrepancy 18. Printed Type	FEROR'S CER placarded, and the contrarial terminalist terminalist	REPLATION Are in all res of this consist T 2 E I import in t Expert in Mataria (V)	3139019W i: thereby declar spects in proper or tranent conform to berrified in 40 CF	DI B-70 To that the contects consistion for transp to the learns of the a R 262.27(e) (4) and	6 s of this consignment according to a stached EPA Action a large quantity Export 6	ent are fully popicable introvied green or standard generator) in Signature or standard green or stand	and accurately a temptional and in at of Consent. Port of Date in	restried aborded government quantity and qua	ove by the proper principal regulation generator) is true	ன்றன்ற na ns. if export	arna, aard are skipment an	disamilied. I disamilied disamili	Day Y
16. Special Handling Instruction by VESTS -1-11 15. GENERATOR'SIOF marked and labeled' Exporter, Learthy that the was Generated And Selection 16. International Shipmen Transporter signature (to 17. Transporter Administra	FEROR'S CEP placarded, any at the contents teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted Teaminifantization te	RTEPICATION date in all res of this consist on statement in T2E Insport to 1 Emport to 1 County C	is thereby declar pects in proper conent conform to the full file of the f	DI B-70 B-70 To that the confects condition for transport the terms of the 1 in 262.27(s) (II and 1 in 262.27(s) (II and 1 in 262.27(s) (II and 1 in 262.27(s) (II and 1 in 262.27(s) (II and II in 262.27(s) (II and II in 262.27(s) (II and II in 262.27(s) (II i	B of this consigner out according to a ethic that EPA Act in a large quantity Export fi	sent are fully poplicable introvelograte provedograte Signature room U.S. Signature Signature	and accurately temetional and not of Consort. Port of Consort. Port of Date is to Date is Date i	issorthed sib intornal govern real quantity antry text entry text entry text entry text entry text	ove by the proper principal regulation generator) is true	ன்றன்ற na ns. if export	arna, aard are skipment an	Considered to the second of th	Day Y
16. Special Handling Instruction by VESTS -1-11 15. GENERATOR'SIOF marked and labeled' Exporter, Learthy that the was Generated And Selection 16. International Shipmen Transporter signature (to 17. Transporter Administra	FEROR'S CEP placarded, any at the contents teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted Teaminifantization te	RTEPICATION date in all res of this consist on statement in T2E Insport to 1 Emport to 1 County C	is thereby declar pects in proper content to office in the CF PC U.S. als	DI B-70 B-70 To that the confects condition for transport the terms of the 1 in 262.27(s) (II and 1 in 262.27(s) (II and 1 in 262.27(s) (II and 1 in 262.27(s) (II and 1 in 262.27(s) (II and II in 262.27(s) (II and II in 262.27(s) (II and II in 262.27(s) (II i	B of this consigner out according to a ethic that EPA Act in a large quantity Export fi	sent are fully poplicable introvelograte provedograte Signature room U.S. Signature Signature	and accurately temetional and not of Consort. Port of Consort. Port of Date is to Date is Date i	issorthed sib intornal govern real quantity antry text entry text entry text entry text entry text	ove by the proper principal regulation generator) is true	stipping has see it export	arna, aard are skipment an	Considered to the second of th	Day Y
16. Special Handling Instruction by VESTS -1- 11 15. GENERATOR'SIOF marked and labeled Exporter, Learthy the Learthy that the was Generator's Discrete Print Transporter signature (to 17. Transporter Astronator Transporter 2 Printed Ty Transporter 2 Printed Ty 18. Discrepancy Indica 18. Discrepancy Indica 18. Discrepancy Indica 18. Discrepancy Indica 18. Signature of Afternation 18. Signatur	FEROR'S CEP placarded, any at the contents teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted/Typed Nam CHNE Teaminifantization ted Teaminifantization te	RTEPICATION date in all res of this consist on statement in T2E Insport to 1 Emport to 1 County C	is thereby declar pects in proper conent conform to the full file of the f	DI B-70 B-70 To that the confects condition for transport the terms of the 1 in 262.27(s) (II and 1 in 262.27(s) (II and 1 in 262.27(s) (II and 1 in 262.27(s) (II and 1 in 262.27(s) (II and II in 262.27(s) (II and II in 262.27(s) (II and II in 262.27(s) (II i	B of this consigner out according to a ethic that EPA Act in a large quantity Export fi	sent are fully poplicable introvelograte provedograte Signature room U.S. Signature Signature	and accurately temetional and not of Consort. Port of Consort. Port of Date is to Date is Date i	issorthed sib intornal govern real quantity antry text entry text entry text entry text entry text	Ove by the proper principal regulation generator) is true	stipping has see it export	arna, aard are skipment an	Considered to the second of th	Day Y
14. Special Handling Instruction by VESTS -1-11 15. GENERATOR'SIGN marked and labeled Exporter, I certify the I certify that the seas Generator's Officero's Print 16. International Shipmer Transporter signature (to 17. Isosporter Advance) Transporter 2 Printed Ty 18. Discrepancy 18. Discrepancy 18. Discrepancy 18. Discrepancy 18. Atterhant Facility (con 18. Signatura of Afternation 18. Signatura of Afternation 19. Heart dougless	FERONTS CER FERONTS CER FIDE CATHOLISM A tibe contrarids teranistic record Name CHNE to Entrarids To exports only) digners of Record Name ded Name Son Space XY/C+C or Generator) othe Facility (or Leport Manage	REFECTION REFETION REFE	is thereby declar pecks in proper content conform the profession and the CF P. U.S. also content to the pecks in the CF P. U.S. also content to the pecks in the CF P. U.S. also content to the pecks in the CF P. U.S. also content to the pecks in the pecks in the CF P. U.S. also content to the pecks in th	DI B-70 B-70 To that the confects condition for transport the learns of the arms of the	B of this consigner out according to a stached EPA Act in a large quantity Export fi Export fi	ent are fully population in move of green are fully sometimes of Signature of Signa	and accurately semational and not of Consent. or (b) (Fi am a semation of the Consent. Port of Date is Registus Marketest Forter recycling system	sescribed siburionel government quantity and quantity entry feet the entry feet t	Ove by the proper principal regulation generator) is true	stipping has see it export	arna, aard are skipment an	Considered to the second of th	Day Y
16. Special Handling Instruction by VESTS -1-11 15. GENERATOR'SIOF marked and labeled' Exporter, Learthy that the was Generated And Selection 16. International Shipmen Transporter signature (to 17. Transporter Administra	FERONTS CER FERONTS CER FIDE CATHOLISM A tibe contrarids teranistic record Name CHNE to Entrarids To exports only) digners of Record Name ded Name Son Space XY/C+C or Generator) othe Facility (or Leport Manage	REFECTION REFETION REFE	is thereby declar pecks in proper content conform the profession and the CF P. U.S. also content to the pecks in the CF P. U.S. also content to the pecks in the CF P. U.S. also content to the pecks in the CF P. U.S. also content to the pecks in the pecks in the CF P. U.S. also content to the pecks in th	DI B-70 The that the confects condition for transport the terms of the a R 262.27(a) (a) and a P DAVE A	B of this consigner out according to a stached EPA Act in a large quantity Export fi Export fi	ent are fully population in move of green are fully sometimes of Signature of Signa	and accurately semational and not of Consent. Port of Date is Registus	sescribed siburionel government quantity and quantity entry feet the entry feet t	Ove by the proper principal regulation generator) is true	stipping has see it export	arna, aard are skipment an	Considered to the second of th	Day Y

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD P O BOX 453 WEST CARROLLTON, OH 45449 Receipt ID: 1228220 EQ Account #: 6041

Manifest / BOL: 000607694VES

Transporter: TRIAD
Date: 02/26/2013
Time In: 2:11 PM
Time Out: 4:19 PM

Line	Description Generator	Qty. Unit
1 - 1	B139019WDI - Soil Contaminated with PCBs	16.670 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 75,800 Tare: 42,460 Net: 33,340	•
2	Wayne Disposal Host Community Agreement Royalty Fee	16.670 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 75,800 Tare: 42,460 Net: 33,340	

FOR MANIFESTED PCB WASTE



r in marking district and a

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved, OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number 4, Manifest Tracking Number 3. Emergency Response Phone 0006076 WASTE MANIFEST OHD 0 4 1 0 6 4 7 8 7 (877) 818-0087 Generator's Sile Address (II different Inan ma UNIVERSITY OF CINCLININA WEST CAMPUS 45 W. CHARLTON STREET CINCINNATI, OH 45221 5. Generator's Name and Mailing Address AEKSTALOF CINCINNATI EH&S CINCINNATI OH 45221-0218 Generator's Phone: 513 558-4975 6. Transporter 1 Company Name TRIAD TRANSPORT, INC. U.S. EPA ID Number OKD 9 8 1 8 8 8 7 9 1 7. Transporter 2 Company Name 11:S. EPA ID Number 8. Designated Facility Name and Site Address AJAYNE DISPOSAL INC U.S. EPA ID Number 49350 M I-94 SERVICE DRIVE BELLEVILLE, MI 48111 980 592-5499 MID048000633 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (If any)) Quantity НМ No. Туре al-196 MING MON-REGULATED MATERIAL CONTAINING POR GENERATOR 001 C M 15450 $\mathbf{f}_{S_{i}}$ 14. Special Handling Instructions and Additional Information ADDENIOUM ATTACHED FOR ADDITIONAL TECA INFORMATION - ER Service Contracted by VESTS -(- 1) W.341286 A:EQB139019WDI 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Nan 16. International Shipments Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Month Day Year 021 21 DENNIS Transporter 2 Printed/Typed Name 18. Discrepancy 18a, Discrepancy Indication Space Тура Partial Rejection _ Full Rejection Nagy @ Veation CO 2 to remove waste code Par 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature much LA CONTROL EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD P O BOX 453 WEST CARROLLTON, OH 45449

Receipt ID: 1228132

EQ Account #: 6041

Manifest / BOL: 000607695VES

Transporter: TRIAD

Date: 02/22/2013 Time in: 10:21 AM

		Time Out: 11:14 AM
Line	Description Generator	Qty. Unit
1 - 1	B139019WDI - Soil Contaminated with PCBs	15.780 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 74,320 Tare: 42,760 Net: 31,560	
2	Wayne Disposal Host Community Agreement Royalty Fee	15.780 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 74,320 Tare: 42,760 Net: 31,560	

<u></u>
ISP
DISPOS
\bigcirc
TE OF
7
Ī
O

	erify the wastes specified on Manifest #	federal regulations.
"Disposed	of" means either: 1) Burial or 2) Processed as specified in	40 CFR et sea.
FACILITY NAME: (Please check one)	Michigan Disposal Waste Treatment Plant (EPA I.D. # MID000724831)	Wayne Disposal, Inc (EPA I.D. # MID048090633)
ADDRESS:	49350 N. I-94 Service Drive Belleville, Michigan 48111	
PHONE NUMBER:	1-800-592-5489	
FAX NUMBER:	1-800-593-5329	
Authorized Signature:	· Mh wh	



Truck 133D

<u>Pipe</u>	se print or type. (Form desig	ned for use	on elite (12-pitch) typewrillac.)							Approved.	OMB No. 1	2050-0039
*	UNIFORM HAZAROOUS	1. Generator	D Number	2. Page 1 of	3. Ernen	ency Response	Pixae	4. Manifest T	racking M	ausper.		
	WASTE MANIFEST	QHD	041064787	1	(877)	818-0087		001	360	770	1 VI	ES
Ш	5. Generator's Hame and Malie	vg Address	A 64 (16) 20-101-101-10-10-1-1-1-1-1-1-1-1-1-1-1-1		Generala	r's Site Address	of different to	en melling address NNATI	1			
Ш			UNIVERSITY OF CINCINNATI CINCINNATI, OH 45221-0218	EHSE	UNIV		F CINCI	ITANN	•			- 1
			CINCININATI OH 45221-0218		45 W	CHARLT(רונים ואר ב	EET				1
Ш	559 8				CINC	INMATI O	H 4522	1				1
Н	Generator's Phone: 513 5				<u> </u>							
Н	6. Transporter 1 Company Nan							U.S. EPA ID N				
Ш	TRIAD TRANSPOR							OKD	3 8	1 5 3	5 .	3 1
11	7. Transporter 2 Company Nam	7 2	· · · · · · · · · · · · · · · · · · ·					U.S. EPA ID N	uniber			
Н								1				1
Ш	8. Designated Facility Name ar	d Site Address	WAYNE DISPOSAL INC					U.S. EPAID N	mber			
Ш			49350 N I-94 SERVICE DRIVE									- 1
Ш			HOUSE OF THE OFFICE OF TAKE									1
Ш	800 59	7.5340	DELLEVILLE, MI 48111					1810	6 A	8 9 9	5 P	a 2
Ш	Facility's Phone:							1391 1 11	3 = =	034	43 43	2 2
Ш			roper Shipping Name, Hazard Class, 10 Hember,		I.	10. Contrá	1013	11. Total	12. Unit			. [
П	HIA and Packing Group (if	eny))			- [No.	Туре	Quantity	WLWoL	14.	Waste Code	*
Ш	INON-PEGUI	ATE O MA	TERIAL CONTAINING PCBs							PCHE		
ð							•			- 6		
3						001	СМ	15450	¥ .	KR1		
单	2.									-درن٠٠		
GENERATOR	-				1		1	1				1 }
ĭĭ					-		1	1				
11							<u>. </u>	L			·- 	
11	3.				ı		1 .	,		1	i	ļ [
П					ĺ					1		
П									·	1	ĺ	1 1
П	4.		~									
Н	ľ				1			[L		
П					1				-	1	l	
П	14. Special Handling Instruction	ne and Ariditin	nal information									<u> </u>
Ш	1		AUUENDUM A LEA	CHED	CH AL	DITIONAL	I SUA I	NHURMAII	_N - E	K Belinic	e Contr	acted
Ш	by VESTS + 1) W	(491200)	SECRETARITANAN			D	71	G				J
П	ì					<i>D</i> -	-76	7				
Ш	<u> </u>						, .	1				
П			CATION: I hereby deciars that the contents of the in all peopeds in proper condition for transport so									
Н			nt an inspects at proper textuation for manacout ac is consignment conform to the terms of the attach				ENERI BOLISH	uman milmanna.	a modern	UNITED TERMINA	क्रिया क्रिक श्वाचा	nery
Н			ement identified in 40 CFR 262-27(a) (if I am a lac				all quencity go	oppsior) is true.				1
11	Geography's/Dispure Printed/T	yppe lierne _y ,	(a	S	ignatiga:	1	- 7	// An		Mg	Man Dav	Yeek.
11	MATTSCHN	EIL	: /c	. 1	- //	COVO	マスプン	man		10	'Z Z	4 13
	15. International Shipments	П.		7	u.	D-4-6		-//				
돌	Transporter signature (for sosp		portio U.S.	i Export from	D.S.	Post of ea Date leave						
12		***************************************	/ Michaelade			-201 6781	7					
TRANSPORTER	Traceporter 1 Printed Typert N		2 35 3m 3m 3mm		ignature./					Į.	entir Day	, 466
뜡	7			ı		on Uno	گند. سا				12 20	
V.	JON Drow	-				A WAY	107					? ~ 1
1	Transporter 2 Printed Typed N	SH DAL	_		gratule					, MS	optin Dary	, 1002
	the second secon		"						,		<u> </u>	
1	18. Discrepancy											
Ш	The Operatory Indication &		lapar843kg all He code del Dave M	Oiv U	YNY	$\neg Nuu$	Χο.		IU		Full Re	مانمت
Ш	INVESTIGATION OF THE PARTY OF T				:	wii/i A	16.71	7113		مرأ م	. 1 /	, www.
П	orm to crui	$\omega \omega_0$	SK COOK IN TULIVE ME	103 W	HhV		e Nepotes	خمدا ا	2-11	6/13	JV	
≥		Prostre		·				U.S. EPA ID I	lumber			
5	1	•										
¥	English Dhann							1				
10	Facility's Phone: 16c, Signature of Alternate Fa	rith for Care	3607					~ !		111	onth Di	ey Year
	ing published to tales some o	HA) (US WOOLS)	am)							"	, i	,
藻												
DESIGNATED FACILITY	19. Hazardous Waste Regard	Management i	lethod Codes (i.e., codes for hazardous waste tre			्राट्याम् systems)						
12	1. 62/14		2.	3	L.			4.				
1	1 1/(ソ		1									
$\ \ $	20. Designated Facility Owner	or Operator:	Certification of receipt of hezordous materials cove	wee by the m	milesi exce	and mes nested in the	er: 18a					
11	Printed Typed Name		111		Skyrusáure	المر		(М	appr Da	у ужу
11	1/0	~ 5	1, 1 pul	ŀ		مستوري مستوست	Λ	·		- 10	メリノ	/リイト
ËP	A Form 8700-22 (Rev. 3-05)	Previous er	litions are obsolete.				·	DESIGNAT	En es	مريديا الأدر	O OEN	EDATOR

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD P O BOX 453 WEST CARROLLTON, OH 45449

Receipt ID: 1228231 EQ Account #: 6041

Manifest / BOL: 000607701VES

Transporter: TRIAD

Date: 02/27/2013

Time In: 10:02 AM Time Out: 11:17 AM

		Time Out: 11:17 AM
Line	Description Generator	Qty. Unit
l - 1	B139019WDI - Soil Contaminated with PCBs	14.150 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 73,160 Tare: 44,860 Net: 28,300	
!	Wayne Disposal Host Community Agreement Royalty Fee	14.150 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 73,160 Tare: 44,860 Net: 28.300	

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as and specified on Manifest # GOGGTTO VE	ال الحال ال
Fil 27, 293 in accordance with	all local, state and federal regulations by:
Wayne Disp	osal, Inc.
(EPA I.D. # MIDO	•
49350 N. I-94 Service Drive, Be Telephone: 1-800-KWAI Fax: 1-800-KWALFA	JTY (592-5489)
Under civil and criminal penalties of law for the making or submission 001 and 15 U.S.C. 2615), I certify that the information contained in or the identified section(s) of this document for which I cannot person aving supervisory responsibility for the persons who are acting under a strue accurate and complete.	accompanying this document is true, accurate and complete. As ally verify truth and accuracy. I certify as the company official
•	In the second second



Form # REC--FM-030-BEL

3.7				1									50-0039
print or type. (Form desi	gned for use:	nn eille (12-p) 10 Humber	cn) typewron.		2. Page 1 of	3. Emerge	псу Кавропва	Phone	A. Manifest To)60°	770	S VE	S
NIFORM HAZARDOUS WASTE WANKEST	1		84767		<u> </u>		18-0087	if clifferent time	muiling address		1101	<u> </u>	-
Generator's Name and Mai					EH&S	LIMIN/F	RSITY OI	- CINCIN	NATI	•			
		PÖ ğÖX	M. C.	#554 634 9		- /V(±25 t - 45 \A(4	CAMPUS CUARTITO	W STRE					
		CINCIPIN	ATT, OH 4	974 2-04 to	•	CINCU	O TANK	H 45221					
enarator's Phone:513 S	58-49 75				·	<u> </u>		······································	U.S. EPA ID N		_	B 17 A	
Transporter 1 Company N RIAD TRANSPOR	3008 2575 1810								OKD		1 5 8	8 : ¥	1
Transporter 2 Company N					-		,		U.S. EPA ID N	Umber			
Halabara z compens in	- /								U.S. EPAIDN	innheat			
Cesignated Facility Name	and Site Addre	**************************************	DISPOSAI	LINC ICE DRIVI	E				CO, II NOT	anjus.			
end f	92-5499		ILE, MI 4						1410	1	1	0 8 3	3 3
Ch US DOT DOS	สกลักก รักเริ่มนัก	a Proper Shippi	ng Name, Hazan	i Class, ID Numb	ber,	Į	18. Conta	_	11. Total Guantity	12. Unit VALAVoi.	13.	Wests Code	YS .
98. and Packing Group	(f any))						No.	Typ6	Copany	172,100.	FCB	F	Τ
NON-REGU	ATENM	ATERIAL	CONTAIN	NG PCBs				1	1	1	1.004	<u> </u>	├
Sales and the sales						ľ	001	C M	05000	K	1		
								1	T	1			[
2.				i			ļ		1.	1	—	1	+
1							<u> </u>		<u> </u>	1	 -	 	┼
3.								1	1		L		
T .		*	,					1				1	1
1		4					 			1	+	 	1
							ł.	- 1	1	1	1	1	
4.					- 👡		1	1	i	1	<u> </u>		1
					`	`				<u> </u>			
14. Special Handing Inst) W.34128	6 A:EQH1							INFORMAT	TON - E	SR Servi	ce Conti	racted
14. Special Handling institute of the property) W.34128 2. Q.5 1 FERON'S CEI	O A:EQUI 17 KIFICATION: descin al resp	I hereby deckura acts in proper cor	ON that the containts relition for transp	T ID I	B- mount are fully applicable in	991 yard accurated ternetional and) y described sk national gove	ove by the proper	shipping na ns, if export	erne, and sire ishipment as	despited, pa	ickaged, dinary
14. Special Handing Indition of the State of	VV. 34128 2. 25 FERON'S CEI fiplacerolod, enviolation ste minimization	TO A:EQH1 7 7 7 7 8 7 8 7 9 9 9 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 9	I hereby deckura acts in proper cor	ON that the containts relition for transp	T ID I	B- mount are fully applicable in	991 yard accurated ternetional and) y described sk national gove	ove by the proper	shipping na ns, if export	eme, and are ishipment an	despited, pr dlam the P	ickaged, rimory
14. Special Handing Inditive VESTS -In 1 15. GENERATOR SIGN marked and labeled Exported, I certify that the was Generator (10) space Pri	O. 34128 O. 35 FERON'S CEI Tiplacarded, env act frue contents sets minimization must Types Mar CHA	TO A:EQH1 7 7 7 7 8 7 8 7 9 9 9 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 10 9 10 10 9	I hereby deckura acts in proper cor	ON that the containts relition for transp	s of this consign of according to ottached EPAA n a large quant	B- resent are fully complicable in unknowledgment thy generator) Signature	and accurated parmatical and of Consent. or (b) (fill arm a	y described ab national gove ernall quantity	ove by the proper	shipping na ns, if export	eme, and are ishipment an	despited, po dlam the P	ickaged, rimary
14. Special Handing ind byeVESTS -I- 1 15. GENERATOR'S/OI marked and labeled Exported, foertily that the wall- Generator's/Offende Price in the second of t	7. 25 FERON'S CEL Friedriched, env at the contents ste minimization ned Typed Nar CHA	TO A:ECH1 REPECATION: dece in all respired to the consigning a statement idea PET 2 Import to U:	I hereby declare acts in proper con ment conform to 1 milled in 40 CFR	ON that the containts relition for transp	s of this consign of according to ottached EPAA n a large quant	B- ment are fully c applicable in laterowiedgment thy generator)	y and accurated part of Consent of Consent of Consent of (b) (fill arm at Last 4).) y described sk national gove	ove by the proper	shipping na ns, if export	eme, and are ishipment an	despited, po dlam the P	ickaged, dinary
14. Special Handing ind bye VESTS - 1. 1 15. GENERATOR'S/OI marked and labeled Exported, for this if I consty that the wall Generator's Offence Print I for the Market Construction of the International Shipme Transporter signature (in the International Shipme Transporter signature (in the International Shipme I fransporter signature (in the Interna	7. 25 - FEROR'S CEI Foliocarded, env el the contents she minimization misultypes Nar writs [for exports anny for exports an	TA A: ECH1 REFICATION: descript all respective consigning the secondary in statement idea For a support to U: import to	I hereby declarate in proper content conform to find and CFR	ON that the containts relition for transp	s of this consign of according to ottached EPAA n a large quant	B- resent are fully complicable in unknowledgment thy generator) Signature	y and accurated part of Consent of Consent of Consent of (b) (fill arm at Last 4).	y described at netional government quantity	ove by the proper	shipping na ns, if export	eme, and are	disselfed, per diameter P	ackaged, dinary
14. Special Handing ind bye VESTS - 1. 1 15. GENERATOR'S/OI marked and labeled Exported, for this if I consty that the wall Generator's Offence Print I for the Market Construction of the International Shipme Transporter signature (in the International Shipme Transporter signature (in the International Shipme I fransporter signature (in the Interna	O. 25 FERON'S CEI Figlaceded, enr. et the contents ste minimization need Typed Nar rits [tor exports analyte edgement of Rox	TA A: ECH1 REFICATION: descript all respective consigning the secondary in statement idea For a support to U: import to	I hereby declarate in proper content conform to find and CFR	ON that the containts relition for transp	s of this consign of according to ottached EPAA n a large quant	B- resent are fully complicable in unknowledgment thy generator) Signature	y and accurated termesconel and or (b) (fit arm a Port Date	y described at netional government quantity	ove by the proper	shipping na ns, if export	eme, and are	disserted, produced in the Police in the Pol	ackaged, dinary
14. Special Handing ind bye VESTS - 1. 1 15. GENERATOR'S/OI marked and labeled Exported, for this if I consty that the wall Generator's Offence Print I for the Market Construction of the International Shipme Transporter signature (in the International Shipme Transporter signature (in the International Shipme I fransporter signature (in the Interna	FERON'S CEL FERON'S CEL Folioristics of the contents ste minimization need Typed Har For exports any ped Harps	O A:EQB1 17 ROFICATION: desc in all respect of this consigning statement idea I Import to U:): population Metarisks	I hereby declarate in proper content conform to find and CFR	ON that the containts relition for transp	s of this consign of according to ottached EPAA n a large quant	B- month we fully applicable in ulchrowledgme thy generated) Signification Liftion U.S.	y and accurated terms on a first of Consent or (b) (fit are a Port Date	y described at netional government quantity	ove by the proper	shipping na ns, if export	eme, and are	inscribed, por diameter Property of the Proper	ockeged, dinary Poly 7
14. Special Handling and byeVESTS -1-1 15. GENERATOR'S/OI marked and labeled Exportes, for this if I peetly that the wall Generator's/Offsect Print Prints (Control of the Control of the	FERON'S CEL Viplacarded, since the contents she minimization intentity and hard write in exports any adaptive adaptive adaptive and the con-	TA A: ECH1 REFICATION: descript all respective consigning the secondary in statement idea For a support to U: import to	I hereby declarate in proper content conform to find and CFR	ON that the containts relition for transp	s of this consign of according to ottached EPAA n a large quant	B- ment are fully outprovided in independence thy generator) Signature throm U.S.	y and accurated terms on a first of Consent or (b) (fit are a Port Date	y described at netional government quantity	ove by the proper	shipping na ns, if export	eme, and are	inscribed, por diameter Property of the Proper	nckaged, dinary from 1991
14. Special Handing ind bye VESTS - 1. 1 15. GENERATOR'S/OI marked and labeled Exported, for this if I consty that the wall Generator's Offence Print I for the Market Construction of the International Shipme Transporter signature (in the International Shipme Transporter signature (in the International Shipme I fransporter signature (in the Interna	FERON'S CEL Viplacarded, since the contents she minimization intentity and hard write in exports any adaptive adaptive adaptive and the con-	O A:EQB1 17 ROFICATION: desc in all respect of this consigning statement idea I Import to U:): population Metarisks	I hereby declarate in proper content conform to find and CFR	ON that the containts relition for transp	s of this consign of according to ottached EPAA n a large quant	B- month we fully applicable in ulchrowledgme thy generated) Signification Liftion U.S.	y and accurated terms on a first of Consent or (b) (fit are a Port Date	y described at netional government quantity	ove by the proper	shipping na ns, if export	eme, and are	inscribed, por diameter Property of the Proper	ockaged, dimery
14. Special Handling Indibyte STS	FERON'S CEL Y/Jacardiad, and aid the contents the content	A:EQB1 RIPE(CATRON: d are in sit respond to the consigning of this consigning a state consistency and a state consistency a st	I hereby declara acts in proper coment conform to 1 mind on 40 CFR	fixet the containts addition for branes in the series of the a 202.27(a) (if I am	s of this consigner according to attached EPAA na large quant	Trient are fully applicable in commenting generators of the formation of t	- 89() y and accurated parmakenal single parmakenal single part of Consent. Or (5) (if if are a Port Date	y described sit national government quantity of entrylexit.	ove by the proper extential regulation generator) is true	ahipping ni ns, if export	ens, and are	Month Linesified, per discrete Programme Prog	ackaged, dimery no 2/2) / Oay 3 2 2 Day 1
14. Special Handling Indibyte STS	FERON'S CEL Y/Jacardiad, and aid the contents the content	A:EQB1 RIPE(CATRON: d are in sit respond to the consigning of this consigning a state consistency and a state consistency a st	I hereby declara acts in proper coment conform to 1 mind on 40 CFR	fixet the containts addition for branes in the series of the a 202.27(a) (if I am	s of this consigner according to attached EPAA na large quant	Trient are fully applicable in commenting generators of the formation of t	- 89() y and accurated parmakenal single parmakenal single part of Consent. Or (5) (if if are a Port Date	y described sit national government quantity of entrylexit.	ove by the proper manental regulation generalized in true	shipping na ns, if export	ens, and are	Month Linesified, per discrete Programme Prog	ackaged, dimery no 2/2) / Oay 3 2 2 Day 1
14. Special Handling Indibys VESTS	FERON'S CEL Y/Jacardiad, and aid the contents the content	A:EQB1 RIPE(CATRON: d are in sit respond to the consigning of this consigning a state consistency and a state consistency a st	I hereby declara acts in proper coment conform to 1 mind on 40 CFR	fixet the containts addition for branes in the series of the a 202.27(a) (if I am	s of this consigner according to attached EPAA na large quant	Trient are fully applicable in commenting generators of the formation of t	- 89() y and accurated parmakenal single parmakenal single part of Consent. Or (5) (if if are a Port Date	y described sit national government quantity of entrylexit.	ove by the proposition regulation and the proposition is true generally in the proposition in the propositio	shipping na	erne, and are a shipment and	Month Linesified, per discrete Programme Prog	ackaged, dimery no 2/2) / Oay 3 2 2 Day 1
14. Special Handling instruction of the Control of	FERON'S CEL Typiacardiad, and at the contents she minimization much Types Nam ruls or exports anny edgment of Roc pped Name	A:EQB1 RIPE(CATRON: d are in sit respond to the consigning of this consigning a state consistency and a state consistency a st	I hereby declara acts in proper coment conform to 1 mind on 40 CFR	fixet the containts addition for branes in the series of the a 202.27(a) (if I am	s of this consigner according to attached EPAA na large quant	Trient are fully applicable in commenting generators of the formation of t	- 89() y and accurated parmakenal single parmakenal single part of Consent. Or (5) (if if are a Port Date	y described sit national government quantity of entrylexit.	ove by the proposition regulation and the proposition is true generally in the proposition in the propositio	ahipping ni ns, if export	erne, and are a shipment and	Month Linesified, per discrete Programme Prog	Day Y
14. Special Handling instruction of the Control of	FERON'S CEL Typiacardiad, and at the contents she minimization much Types Nam ruls or exports anny edgment of Roc pped Name	A:EQB1 RIPE(CATRON: d are in sit respond to the consigning of this consigning a state consistency and a state consistency a st	I hereby declara acts in proper coment conform to 1 mind on 40 CFR	fixet the containts addition for branes in the series of the a 202.27(a) (if I am	s of this consigner according to attached EPAA na large quant	Trient are fully applicable in commenting generators of the formation of t	- 89() y and accurated parmakenal single parmakenal single part of Consent. Or (5) (if if are a Port Date	y described sit national government quantity of entrylexit.	ove by the proposition regulation and the proposition is true generally in the proposition in the propositio	shipping na	erne, and are a shipment and	Month Linesified, per discrete Programme Prog	ackaged, dimery no 2/2) / Oay 3 2 2 Day 1
14. Special Handling institute VESTS -1-1 15. GENERATOR S/OI marked and lathele Exporter, Learning in the Learning Control of	FEROR'S CEL FEROR'S CEL FOR CONTRIBUTION FOR CONTRIBUTION FOR CONTRIBUTION FOR CONTRIBUTION FOR CONTRIBUTION A J & 51 (or Generator)	TALEGRAPHICATION: deep in sill respond this consignit a statement idea For a support to U. import	I hereby declara acts in proper coment conform to 1 mind on 40 CFR	fixet the containts addition for branes in the series of the a 202.27(a) (if I am	s of this consigner according to attached EPAA na large quant	Trient are fully applicable in commenting generators of the formation of t	- 89(y and accurated terms local sing and of Consent. or (5) (if if an a Port Date	y described sit national government quantity of entrylexit.	ove by the proposition regulation and the proposition is true generally in the proposition in the propositio	shipping na	erne, and are a shipment and	Month Linesified, per discrete Programme Prog	Day Y
14. Special Handling institute VESTS -1-1 15. GENERATOR'S/OI marked and fathele Exporter, Learning in it certify that the war Generator v/Offsects Printed Transporter signature (17. Transporter Actional Transporter 1 Printed Transporter 2 Printed Transporter 2 Printed Transporter 2 Printed Transporter 2 Printed Transporter 2 Printed Transporter 3 Printed Transporter 4 Printed Transporter 4 Printed Transporter 4 Printed Transporter 4 Printed Transporter 4 Printed Transporter 4 Printed Transporter 5 Printed Transporter 5 Printed Transporter 5 Printed Transporter 5 Printed Transporter 5 Printed Transporter 6 Printed Transporter 7 Pr	FEROR'S CEL FEROR'S CEL FOR CONTRIBUTE FOR	TALEGRAPHICATION: dece in all respond this consignit a statement idea For a large of this consignit a statement idea For a large of this consignit a statement idea For a large of this consignit a statement idea For a large of this consideration For a large	I hereby declara acts in proper coment conform to 1 mind on 40 CFR	fixet the containts addition for branes in the series of the a 202.27(a) (if I am	s of this consigner according to attached EPAA na large quant	Trient are fully applicable in commenting generators of the formation of t	- 89(y and accurated terms local sing and of Consent. or (5) (if if an a Port Date	y described sit national government quantity of entrylexit.	ove by the proposition regulation and the proposition is true generally in the proposition in the propositio	shipping na	erne, and are a shipment and	Month P	Day You
14. Special Handling institute of the process of th	FERON'S CEL Yplacarded, six at the contents she minimization intent Typed Harm for exports any segment of Rec yped Name A J d 53 (or Generator) mate Facility (or	TALECTION: diare in sit respired from sit respired in sit respired in sit respired in sit respired in sit respired in sit respired in sit respired in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in sit res	I hereby declara acts in proper cot ment conform to 1 milled in 40 CFR ER S. 1 TO LE 1 TO	first the containte action for transpire terms of the action for transpire terms of the action (a) (if I am Dave	of this consigner according to attached EPAA na large quant	Trient we fully o applicable in administration of the community generated by generated throw U.S. Signature Signature Signature WVC	991 y and accurated teams local and and of Consent. of (5) (if arm a Date Date Conference of the consent. Only the consent. Only the consent. Only the consent. Only the consent. Only the consent. Only the consent. Only the consent.	y described sit national government of an extra plantic learning U.S.:	ove by the proposition regulation and the proposition is true generally in the proposition in the propositio	shipping na	erne, and are a shipment and	Month P	Day 10 Cay
14. Special Handling institute of the process of th	FERON'S CEL Yplacarded, six at the contents she minimization intent Typed Harm for exports any segment of Rec yped Name A J d 53 (or Generator) mate Facility (or	TALECTION: diare in sit respired from sit respired in sit respired in sit respired in sit respired in sit respired in sit respired in sit respired in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in sit res	I hereby declara acts in proper consent conform to 1 minded in 40 CFR ER S. A Code (i.e., codes (i.e., cod	first the containte action for transpire terms of the action for transpire terms of the action (a) (if I am Dave	of this consigner according to attached EPAA na large quant	Trient we fully o applicable in administration of the community generated by generated throw U.S. Signature Signature Signature WVC	991 y and accurated teams local and and of Consent. of (5) (if arm a Date Date Conference of the consent. Only the consent. Only the consent. Only the consent. Only the consent. Only the consent. Only the consent. Only the consent.	y described sit national government of an extra plantic learning U.S.:	ove by the proposition regulation and the proposition is true generally in the proposition in the propositio	shipping nana, if export	erne, and are a shipment and	Month P	Day 10 Cay
14. Special Handling institute VESTS -1-1 15. GENERATOR'S OF marked and labeled Exporter, I certify the 1 certify the 1 certify the 1 certify the 1 certify the 15. International Shipme Transporter Actional Transporter	FERON'S CEL Yplacarded, and at the contents she minimization inted Typed Name or exports any pad Name A J d 51 (or Generator) mate Facility (or Report Manage	TALECTION: diare in sit respired from sit respired in sit respired in sit respired in sit respired in sit respired in sit respired in sit respired in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in Metaristic in sit respired in sit res	I hereby declara acts in proper cor ment conform to 1 milled in 40 CFR ER S. 1 TOKEN	first the containte action for transpire terms of the action for transpire terms of the action (a) (if I am Dave	of this consigner according to attached EPAA na large quant	Trient we fully o applicable in administration of the community generated by generated throw U.S. Signature Signature Signature WVC	991 y and accurated teams local and and of Consent. of (5) (if arm a Date Date Conference of the consent. Only the consent. Only the consent. Only the consent. Only the consent. Only the consent. Only the consent. Only the consent.	y described sit national government of an extra plantic learning U.S.:	ove by the proper maneral regulation generalized by the property is true.	shipping nana, if export	erne, and are a shipment and	Month P	Day 10 Cay
14. Special Handling institute VESTS -1-1 15. GENERATOR'S OF marked and labeled Exported and labeled Exported for the war Generator of Offsects Printed Transporter signature (16. International Shipme Transporter Account	PARTY SOLD TO SECURITY	TACHERATION: dere in sit respired from the statement idea inspired in the statement idea import to U: sipt of Metorials in place Generator) Generator)	I hereby declara acts in proper content conform to 1 miled in 40 CFR ER S. 1 2006s (i.e., codes 2.	that the containe addition for transpire that the containe addition for transpire that the contained and contained	of this consignor according to attached EPAA na large quant	Trent we fully a spot applicable in chrowledgment by generated by generated throw U.S. Signeture Signeture Signeture Veolia 4, disposal, and 3.	891 y and accurated termelocal and and of Contents or (5) (if arm a Date o	y described at national government of entrylands, learning U.S.:	ove by the proper maneral regulation generalized by the property is true.	shipping nana, if export	erne, and are a shipment and	Month P	Day 10 Cay
14. Special Handling institute VESTS -1-1 15. GENERATOR STOI marked and labeled Exported, foetfly it certify that the war Generator Violence Printed Transporter Actional Transporter Action Action Transporter Action Action Transporter Action Action Transporter Action Action Transporter Action Action Transporter Acti	FERON'S CEL Yelacardisd, since the contents she minimization intention of the contents of the	TACHERATION: dere in sit respired from the statement idea inspired in the statement idea import to U: sipt of Metorials in place Generator) Generator)	I hereby declara acts in proper content conform to 1 miled in 40 CFR ER S. 1 2006s (i.e., codes 2.	that the containe addition for transpire that the containe addition for transpire that the contained and contained	of this consignor according to attached EPAA na large quant	Trent we fully a spot applicable in chrowledgment by generated by generated throw U.S. Signeture Signeture Signeture Veolia 4, disposal, and 3.	8 9 (1) y and accurated termelocal and consent or (5) (if an a function of (5) (if an a function	y described at national government of entrylands, learning U.S.:	ove by the proper maneral regulation generalized by the property is true.	shipping nana, if export	erne, and are a shipment and	Month P	Day You
14. Special Handling institute of the second state of the second s	FERON'S CEL Yelacardisd, since the contents she minimization intention of the contents of the	TALECTION: d'are in sit respi of this consignt n statement ideo IF T 2 Import to U: inspired Methodick Generator) consider Method C	I hereby declara acts in proper content conform to 1 miled in 40 CFR ER S. 1 2006s (i.e., codes 2.	that the containe addition for transpire that the containe addition for transpire that the contained and contained	of this consignor according to attached EPAA na large quant	Trient are fully of applicable in chronide dynamics for applicable in the control of the control	8 9 (1) y and accurated termelocal and consent or (5) (if an a function of (5) (if an a function	y described at national government of entrylands, learning U.S.:	ove by the proper maneral regulation generalized by the property is true.	shipping nana, if export	erne, and are a shipment and	Month P	Day You

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD P O BOX 453 WEST CARROLLTON, OH 45449

Receipt ID: 1228287

EQ Account #: 6041

Manifest / BOL: 000607706VES

Transporter: TRIAD

Date: 02/28/2013

Time In: 2:20 PM Time Out: 4:04 PM

		, mile Odit 4,041 M
Line	Description Generator	Qty. Unit
1 - 1	B139019WDI - Soil Contaminated with PCBs	12.510 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 67,240 Tare: 42,220 Net: 25,020	
2	Wayne Disposal Host Community Agreement Royalty Fee	12.510 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	•
	Gross: 67,240 Tare: 42,220 Net: 25,020	

CERTIFICATE OF DISPOSAI

FOR MANIFESTED PCB WASTE

es identified as	res sold	
	, Line Item	_ has been landfilled on
		eral regulations by:
		• · •
Telephone: 1-800-KWALT	ГҮ (592-5489)	
ormation contained in or a	ccompanying this docur	nent is true, accurate and complete. A tracy. I certify as the company official
	in accordance with all the property of the pro	s identified as, Line Item



	The state of the s)MB No. 20	1
print or type. (Form designed for us	MR ATA MAINTENA			oy Response Pi		A. Marifost Tra	160	772	2 VE	S
WASTE MANIFEST OH C	0041084787		(877) 81 Generators	Site Address (f	different ther	mailing acidress)		,		
Generator's Name and Making Address	UNIVERSITY OF CINCINNA PO BOX 210218 CINCINNATI, CH 45221-02	TT EH&S 18	UNIVER WEST (RSITY OF CAMPUS CHARLTOI NATI, OH	N STRE	maling address) NATI				ļ
enerator's Prione 513 558 4975			Chiton		· · · · · · · · · · · · · · · · · · ·	U.S.EPAIDN	inter	5.8	8 7 9	1
Transporter I Company Native RIAD TRANSPORT, INC.			,			U.S. EPAIDN			. , .	
Transporter 2 Company Name						1				
Designated Facility Name and Site Add	49350 N I-94 SERVICE DRI	IVE				U.S. EPAD N				
200 502-5489	BELLEVILLE, MI 48111					MID				
actity's Profes	sing Proper Shipping Name, Hezard Class, ID No	unbet,	-	10. Contain No.	Тура	19. Total Quantity	12. Unit WLASS.	13	Wasta Code	\$
HAS BANK PACKING GROUP (# 209))	WATERIAL CONTAINING PCE)s						PC88		
IdOM-MEZGET ICE	E: (120)			0 0 1	C M	15450	K		<u> </u>	
2							1		<u> </u>	
					<u> </u>		_	<u> </u>	1_	<u> </u>
3.								<u></u>	<u> </u>	
					<u> </u>	<u> </u>		<u> </u>	 	↓ —
1					1	1	1	<u> </u>		┷
4.				i	1	1				
14. Special Handling Instructions and A by VESTS -1- 1) W:3412	188 A:EQB139019WD1	TTACHED	37				:		desified to	hener
14. Special Handing Instructions and A by VESTS -1- 1) W3412 15. GENERATOR SIGNERAL SCI	ERTIFICATION: 1 hereby declare that the contained are in all respects in proper condition for train	ATTACHED I	FOR AD peril are fully applicable into tendedgener y generator) of	and accumiely	described ab micenal gover	ove by the proper ranemal regulation	ericping na na, if export	me, and are shipment ar	classified, pend is son the Pr	ckaged, imary
14. Special Handleg Instructions and A by VESTS -1- 1) W3412 15. GENERATOR SIGNERAL SCI	ERTIFICATION: I hereby declare that the contained are in all respects in proper condition for teat his consignment conform to the terms of this consignment conform to the terms of this consignment conform to the terms of this consignment identified in 40 CFR 282.27(e) (#1	ATTACHED I	FER AD	and accumiely	described ab edicated gover mail quantity	ove by the proper ranemal regulation	ericping na na, if export	me, and are shipment ar	classified, ps od) con the Pr Worlds 0 031 C	ckaged, imary
14. Special Handling Instructions and A by VESTS -I- 1) W3412 15. GEMERATOR SIGFFEROR'S CI resisted and labeled/plearated, a Exporter, I certify that the content I contrib that the veste minimized Generator Violence's Phrited Typed N MATT 16. International Shipments 18. International Shipments	ERTIFICATION: 1 hereby declare that the contained are in all respects in proper condition for transfer of this consignment conform to the terms of this consignment conform to the terms of this consignment identified in 40 CFR 202.27(e) (II) terms WETZER Import to U.S.	ATTACHED 3 3 4 4 4 4 4 4 4 4	FOR AD peril are fully applicable into tendedgener y generator) of	and accumularly americans and in order to a consent. (b) (f) am a s	described ab asternal gover small quantity fantrylexit.	ove by the proper ranemal regulation	ericping na na, if export	me, and are shipment ar	classified, pend is son the Pr	ckaged, imary
14. Special Handling Instructions and A by VESTS -1-1) W:3412 15. GENERATOR SIGFFEROR'S CI reserved and farbeledplecarded, a Exporter, I certify that the content I certify that the seaste minimize Generator Volferor a Printed Typed N MATT 16. International Shipments Transporter algorithm for exports on	ERTIFICATION: 1 hereby declare that the content are in all respects in proper condition for that his consignment conform to the terms of this consignment conform to the terms of this consignment identified in 40 GFR 282.27(s) (if the proper condition to the terms of the consignment identified in 40 GFR 282.27(s) (if the proper condition to U.S. Import to U.S.	ATTACHED 3 3 4 4 4 4 4 4 4 4	poeri are futy poeri are futy poeri are futy poerior poerior pre- signori de la company company company poerior de la company poerio	and accumularly americans and in order to a consent. (b) (f) am a s	described ab setemal gover	ove by the proper ranemal regulation	ericping na na, if export	me, and are shipment ar	classified, per classified of the Property of	ckaged, imary
14. Special Handling Instructions and A by VESTS -1-1) W:3412 15. GENERATOR SIGFFEROR'S CI Tostisid and labeled plearated, a Exporter, I certify that the content I cortify that the weste minimize Generator Violence Printed Typed N MATT 16. International Shipments Transporter signature for exports on	ERTIFICATION: 1 hereby declare that the contained are in all respects in proper condition for transfer of this consignment conform to the terms of this consignment conform to the terms of this existence of the conformation of the terms of the state of the conformation of the terms of the transfer of the conformation of the terms of the transfer of the conformation of the terms of the transfer of the conformation of the terms of the transfer o	ATTACHED 3 3 4 4 4 4 4 4 4 4	FOR AD overlars fully applicable interpretation of the provided great of the provided g	and accumularly americans and in order to a consent. (b) (f) am a s	described ab asternal gover small quantity fantrylexit.	ove by the proper ranemal regulation	ericping na na, if export	me, and are shipment ar	classified, per dispersion of the Property of	ckaged, invery
14. Special Handling Instructions and A by VESTS -1-1) W:3412 15. GENERATOR SIGFFEROR'S CI reserved and farbeledplecarded, a Exporter, I certify that the content I certify that the seaste minimize Generator Volferor a Printed Typed N MATT 16. International Shipments Transporter algorithm for exports on	ERTIFICATION: 1 hereby declare that the content are in all respects in proper condition for that his consignment conform to the terms of this consignment conform to the terms of this consignment identified in 40 GFR 282.27(s) (if the proper condition to the terms of the consignment identified in 40 GFR 282.27(s) (if the proper condition to U.S. Import to U.S.	ATTACHED 3 3 4 4 4 4 4 4 4 4	poeri are futy poeri are futy poeri are futy poerior poerior pre- signori de la company company company poerior de la company poerio	and accumularly americans and in order to a consent. (b) (f) am a s	described ab asternal gover small quantity fantrylexit.	ove by the proper ranemal regulation	ericping na na, if export	me, and are shipment ar	classified, per dispersion of the Property of	okaged, imary
14. Special Handling Instructions and A by VESTS -1 1) W 3412 15. GENERATOR SIGNFEROR'S CI reserved and labeled/plecarded, a Exporter, I certify that the content I certify that the vesta minimizat Generator Volferor's Phinted Types N MATT 16. International Shipments Transporter algorithms for exports on 17. Transporter Admonted/mark of R Transporter Y Phinted Typed Name Transporter 2 Printed Typed Name	ERTIFICATION: 1 hereby declare that the contained are in all respects in proper condition for transfer of this consignment conform to the terms of this consignment conform to the terms of this existence of the conformation of the terms of the state of the conformation of the terms of the transfer of the conformation of the terms of the transfer of the conformation of the terms of the transfer of the conformation of the terms of the transfer o	ATTACHED 3 3 4 4 4 4 4 4 4 4	FOR AD outli are kely applicable into the particular into the par	and accumularly americans and in order to a consent. (b) (f) am a s	described ab asternal gover small quantity fantrylexit.	ove by the proper ranemal regulation	ericping na na, if export	me, and are shipment ar	Classified, part the Price of t	ckaged, instry
14. Special Handling Instructions and A by VESTS -1- 1) W3412 15. GENERATOR SIGFFEROR'S CI Trasted and labeled/plecarded, a Exporter, I certify that the content I contrily that the wester minimizet Generator/Offeror's Printed Typed N MATT 16. International Shipments Transporter signature for exports on	ERTIFICATION: 1 hereby declare that the content of the content of the content of the content of the content of the content of the content of the content of the content of the terms of the content of the terms of the content of the terms of the content of the terms of the content of the terms of the content of the terms of the content of the terms of the content of the terms of the content of the terms of	ATTACHED 3 3 4 4 4 4 4 4 4 4	FOR AD outli are kely applicable into the particular into the par	and accumularly americans and in order to a consent. (b) (f) am a s	described ab asternal gover small quantity fantrylexit.	ove by the proper meeting regulation generator) is true	ericping na na, if export	me, and are shipment ar	Classified, part the Price of t	ckaged, invery
14. Special Handling Instructions and A by VESTS -1- 1) W.3412 15. GENERATOR StOFFEROR'S CI reacted and labeled/placarded, a Exporter, I certify that the content I certify that the wester informized Generator's/Differor's Phinted Typed N Transporter signature for exports on 17. Transporter Admonifedgment of R Transporter Signature for exports on 17. Transporter Admonifedgment of R Transporter Printed Typed Name 18. Discrepancy 18s. Discrepancy Indicasion Space	ERTIFICATION: 1 hereby declare that the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the terms of the content of the terms of the content of the terms of the content of the co	ATTACHED Antis of this consignum report according to the attached EPA Act arm x large quently	FOR AD outli are kely applicable into the particular into the par	and accumulately amenical and a k of Consent. x (b) (fit am a s Port of Detaile	described ab asternal gover small quantity fantrylexit.	ove by the proper meeting regulation generator) is true	shipping na na, if export	me, and are shipment ar	Classified, part the Price of t	ckaged, instry
14. Special Handling Instructions and A by VESTS -1- 1) W3412 15. GENERATOR StOFFEROR'S CITABLE and labeled/placarded, a Exporter, I certify that the content I certify that the content I certify that the wester informized Generator's/Differor's Phinted Typed N S C 16. International Shipments Transporter signature for exports only 17. Transporter signature for exports only 17. Transporter Admonifediment of R Transporter Phinted Typed Name Transporter Sprinted Typed Name 18. Discrepancy Indication Space 18. Discrepancy Indication Space	ERTIFICATION: 1 hereby declare that the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the terms of the content of the terms of the content of the terms of the content of the co	ATTACHED Antis of this consignum report according to the attached EPA Act arm x large quently	FOR AD outli are kely applicable into the particular into the par	and accumulately amenical and a k of Consent. x (b) (fit am a s Port of Detaile	described ab asternal gover small quantity fantrylexit.	ove by the proper meeting regulation generator) is true	shipping na na, if export	me, and are shipment ar	Acceptance of the Policy of th	cicaged, invery
14. Special Handling Instructions and A by VESTS -1- 1) W3412 15. GENERATOR StoFFEROR'S CITOSTAN AND THE CONTROL OF THE PROPOSED AND THE CONTROL OF THE PROPOSED AND THE CONTROL OF THE PROPOSED AND THE CONTROL OF THE	ERTIFICATION: 1 hereby declare that the content of the in all respects in proper condition for that his of this consignment conform to the horns of the ion statement identified in 40 CFR 282.27(a) (if I female with the intent of the intent	ATTACHED - 8 3 Inte of this consignum report according to the attached EPA Act are x-large quently - Export 1	FOR AD outlane hay applicable interpretation generator) of Signature From U.S. Signature Signature	and accurately ametional and a k of Consent. x (b) (if a un a s Port of Date le	described do siting of the state of the stat	ove by the proper meeting regulation generator) is true	shipping na na, if export	me, and are shipment ar	Classified, part the Price of t	ckaged, instry
14. Special Handling Instructions and Aby VESTS -1- 1) W3412 15. GENERATOR StoFFEROR'S CITOSTRA and labeled placarded, a Exporter, I certify that the content I certify that the vester informized Generator's Political state of the vester informized Generator's Political state of the Vester Instructional Shipments Transporter signature for exports only 17. Transporter signature for exports only 17. Transporter Admonited/Inspect Transporter Printed/Typed Name Transporter 2 Printed/Typed Name 18. Discrepancy Inscreason Space 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator)	ERTIFICATION: 1 hereby declare that the content of the series of this consignment confirm to the terms of this consignment conform to the terms of this consignment conform to the terms of this particular the content of the terms of the ter	ATTACHED - 8 3 Inte of this consignum report according to the attached EPA Act are x-large quently - Export 1	FOR AD outlane hay applicable interpretation generator) of Signature From U.S. Signature Signature	and accurately ametional and a k of Consent. x (b) (if a un a s Port of Date le	described do siting of the state of the stat	ove by the proper meeting regulation generator) is true	shipping na na, if export	me, and are shipment ar	Acceptance of the Policy of th	cicaged, invery
14. Special Handling Instructions and Aby VESTS -1- 1) W3412 15. GENERATOR SIDEFFROR'S CITOSICIAN SIGNATURE of the season of the season of the content of the season of t	ERTIFICATION: 1 hereby declare that the content of the content of the content of the content of the content of the content of the content of the content of the terms of the content of the terms of the content of the terms of the content of the terms of the content of the content of the terms of the content of the terms of the content of the terms of the content of the terms of th	ATTACHED Ants of this consignum report according to the attached EPA Act arm at large quently Export if Type OK PCV as wester treatment, a	porti are kdy applicable interpretation of the state of t	and accurately systematical and a st of Consent. x (b) (if a m a s Port of Date le	described shall grantly small quantity in the same quantity same quantity same quantity same quantity quantity same quantity quan	proper invented regulation generated a function of the proper of the function	shipping na na, if export	me, and are shipment ar	Acceptance of the Policy of th	cicaged, invery
14. Special Handling Instructions and Aby VESTS -1- 1) W3412 15. GENERATOR SIDEFFROR'S CITOSICIAN SIGNATURE of the season of the season of the content of the season of t	ERTIFICATION: 1 hereby declare that the content of the in all respects in proper condition for that his of this consignment conform to the horns of the ion statement identified in 40 CFR 282.27(a) (if I female with the intent of the intent	ATTACHED Ants of this consignum report according to the attached EPA Act arm at large quently Export if Type OK PCV as wester treatment, a	porti are kdy applicable interpretation of the state of t	and accumally ametical and a to of Consent. (b) (if am a s Port of Detaile	described shall grantly small quantity in the same quantity same quantity same quantity same quantity quantity same quantity quan	proper investigation in the proper investigation in the proper investigation in the property of the property o	shipping na na, if export	me, and are shipment ar	Acceptance of the Policy of th	cicaged, invery

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD P O BOX 453 WEST CARROLLTON, OH 45449 Receipt ID: 1228369 EQ Account #: 6041

Manifest / BOL: 000607722VES

Transporter: TRIAD

Date: 03/01/2013

Time In: 4:02 PM

Time In: 4:02 PM Time Out: 5:15 PM

		Odt, 5.151 W
Line	Description	Qty. Unit
	Generator	•
1 - 1	B139019WDI - Soil Contaminated with PCBs	9.950 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 62,220 Tare: 42,320 Net: 19,900	
2	Wayne Disposal Host Community Agreement Royalty Fee	9.950 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 62,220 Tare: 42,320 Net: 19,900	

FOR MANIFESTED PCB WASTE

and specified on Manifest#	000607722 VES	, Line Item has been landfilled	lon
much 1, 2°	13 in accordance with all	l local, state and federal regulations by:	
Wa	yne Dispo	sal, Inc.	
	(EPA I.D. # MID04	-8090633)	
493	50 N. I-94 Service Drive, Belle Telephone: 1-800-KWALIT Fax: 1-800-KWALFAX	ΓΥ (592-5489)	
1001 and 15 U.S.C. 2615), I certify that the to the identified section(s) of this document	e information contained in or ac nt for which I cannot personall;	f false or fraudulent statements or representation companying this document is true, accurate and y verify truth and accuracy. I certify as the convertigation that the direct instructions made the verification that the	i complete. A mpany officia
	mh wh	-	



		En.					-							
*83 +		LOKE DECYLOPOR	Generator ID Nun	toer	2.			ency Response i	Phone	A Hanifest T	naciking Nu	Approved. (772:		
П	H	ASTE MANIFEST (1084787		1	(877) 8 Geregoria	18-0087 4 Site Address (different the	an maritish address))	1 1 thu	A A P	
			CIN CIN	/ERSITY OF CINC 30X 210218 INNATI, OH 452	21-0218	CAN	45 V	CAMPUS CHARLTO NNATI, OF	กรหะ	an mailing address INATI ET				
	Gene	erator's Phone 513 558- ensporter 1 Company Name	-497D							Ú.S. EPÁ ID N				
	TRI.	AD TRANSPORT.	INC.						······································	US.EPAION		3 8	8 / 9	
	7, Tr	unsporter 2 Company Name		_						1				
	8. D	esignated Facility Name and	See Address (A.) 493	(NE DISPOSAL IN 50 N I-94 SERVICE	IC. EDRIVE		_			U.S. EPAID N	lum)b á ľ			
1	Fac	800 507-	5480 BEL	LEVILLE, MI 4811	.1					MID	040	3 0 2	083	5 3
	9a	9b. U.S. DOT Descriptor		Shipping Name, Hazard Clar	se, iO Number,	_		10. Conteis No.	ners Type	ff. Total Quantity	12.Unit WLASS.	13.	Waste Code	s
	HW			IAL CONTAINING	PCEs	·						PCB#		
GENERATOR								301	СМ	15450	K			
温めし		2.			* '	3 ₃ .								
	H	3.			. ~									
	l								<u> </u>		 	<u> </u>	<u> </u>	1
ŀ	Γ	4.					į							
Н								<u></u>	<u>1</u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>
		Special Handling Instruction VESTS - - 1) W.3		V2400010043V			OR AD	DITIONAL	TSCA	NFORMATI	ON - El	3 Service	e Contra	icted
		55D-3.4-1	3	GWT IDH . B	-70	7								
	15.	مريك فسلام كتفيد المصمد المسام	cled, and era in all	ON; I hereby declare that the respects in proper condition eignment conform to the term I identified in 40 CFR 282.27	e contents of this for transport acco	consignment proling to ap	pikcesne kre svrjedenser	emecomana na ca Loi Consent	PICKER PARADI	Viliainet Lafferanci:	hipping nam a. If export a	e, and are cli hipment and	nesified, paci Laun the Prin	kaged, nary
	Ge	necessity that ever waste man		ZER	And but a dear or seriff.	5 1		Attion	Da	hust		MC L	73,8	4 73
	15	, Intermetoral Shipments	Import	b U.S.		Export from	nU.S.	Port of a	ntrylexit: ving U.S.:	7				
	-	anaporter signature (for expo . Transporter Admonitedgmen		eriels:				<u>a</u>	alled errow	1/				
16 DOD TED	Tin	HISTORIE 1 Priced/Typed Har	Thor	MSON	•		Signatura	Their	ســــ	Hion	113		3103	1 /2
TOANCE		maporler 2 Printed/Typed Na		7-30-1		! 1	Signatura		····			<u></u>	onin Ce	y Year
F	18	i. Discrepency				L			~ D	- 100	dia ·	25.	×== 33	,
	1	ctuel weight On to change		Marka Car	ra My.	DW.	VC D~	e Natss	D Veo	山水 co	AC.	>]	} 37799/∺	ajaction
ķ		OK to Chappe B). Alternate Facility (or Gone	Waste (C	des and about	ם ביון קו) pri		Marifest Referen	ca Number:	U.S. EPA II	Number	7, '		
1	1 2 2 5	acility's Phone:								ı				:
ATT III ATT WATER TO SERVE		ic. Signature of Attentiate Fac	hity (or Generator)					`					Aonth D	lay Yeer
	F 1:	9. Hazardows Waster Report N	lanagement Meth	od Codes (j.e., codes for haza	ardous wasts trea	stment, disp	deal, and n	ecycling systems)					
Ž	á f	PCB		2.		j.	3,			4.				
). Designated Facility Cyrist	or Operator Certi	kation of receipt of hazardou	us materiale (2746)	red by the n	nen kest ex	n' beton en los	am 18a				pado Di	ny Year
1		nimed/Typed Name	hvid -	larnacki		I	Signatury	1-1.				`'	71°	1113
Ę	PAF	orm 8700-22 (Rev. 3-05)	Previous edition	s are obsolete.				······································		DESIGNA	TED FA	CILITY'	O GEN	ERATOR

Wayne Disposal, Inc. 49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

VEOLIA ES TECHNICAL SOLUTIONS LLC 4301 INFIRMARY ROAD

P O BOX 453 WEST CARROLLTON, OH 45449

Receipt ID: 1228382 EQ Account #: 6041

Manifest / BOL: 000607723VES

Transporter: TRIAD Date: 03/04/2013 Time In: 2:37 PM

Time Out: 3:49 PM

		Time Out: 3:49 PM
Line	Description Generator	Qty. Unit
1 - 1	B139019WDI - Soil Contaminated with PCBs	12.720 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	
	Gross: 68,460 Tare: 43,020 Net: 25,440	
2	Wayne Disposal Host Community Agreement Royalty Fee	12.720 TONS
	OHD041064767 UNIVERSITY OF CINCINNATI	•
	Gross: 68,460 Tare: 43,020 Net: 25,440	

FÖR MANIFESTED PCB WASTE

and specified on Manifest #	000607723 VES	_, Line Item has been landfilled on
March 4 2013	in accordance with all lo	ocal, state and federal regulations by:
Wav	ne Dispos	sal Inc
*	-#I-	
	(EPA I.D. # MID0480	090633)
	. I-94 Service Drive, Bellevil	
Te	lephone: 1-800-KWALITY Fax: 1-800-KWALFAX (5	
.001 and 15 U.S.C. 2615), I certify that the inform the identified section(s) of this document for	mation contained in or according to the matter of the matt	Talse or fraudulent statements or representations (18 U.S.) impanying this document is true, accurate and complete. It verify truth and accuracy. I certify as the company officing irect instructions made the verification that this information.
	Mr wh	
Authorized Signature:		



ATTACHMENT B



19-Feb-2013

Mike Luessen Cardno ATC 11121 Canal Road Cincinnati, OH 45241-1861

Tel: 513-771-2112 Fax: 513-782-6908

Re: Morgens Hall; Project No.: 72.41360.0003 Work Order: 1302315

Dear Mike,

ALS Environmental received 8 samples on 18-Feb-2013 04:23 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 15.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Chris Gibson

Electronically approved by: Chris Gibson

Chris Gibson Project Manager

> ADDRESS 4388 Glendale Milford Rd Cincinnati, Ohio 45242- | PHONE (513) 733-5336 | FAX (513) 733-5347 ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company



Date: 19-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Work Order:

1302315

Work Order Sample Summary

				**************************************		MICHIGAN PARTIES
Lab Samp II	Client Sample ID	<u>Matrix</u>	Tag Number	Collection Date	Date Received	Hold
1302315-01	C-10-FL	Soil		2/18/2013 09:45	2/18/2013 16:23	
1302315-02	C-10-NW	Soil		2/18/2013 10:00	2/18/2013 16:23	
1302315-03	C-10-WW	Soil		2/18/2013 10:15	2/18/2013 16:23	
1302315-04	C-7-FL	Soil		2/18/2013 11:25	2/18/2013 16:23	
1302315-05	C-7-WW	Soil		2/18/2013 11:45	2/18/2013 16:23	
1302315-06	C-5-FL	Soil		2/18/2013 14:30	2/18/2013 16:23	
1302315-07	C-5-WW	Soil		2/18/2013 15:00	2/18/2013 16:23	
1302315-08	Trip Blank	Water		2/18/2013	2/18/2013 16:23	

Date: 19-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Work Order:

1302315

Case Narrative

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

Date: 19-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

Collection Date: 2/18/2013 09:45 AM

C-10-FL

Work Order: 1302315 Lab ID: 1302315-01

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/19/2013	Analyst: SAD
Aroclor 1016	ND		0.019	mg/Kg-dry	1	2/19/2013
Aroclor 1221	ND		0.038	mg/Kg-dry	1	2/19/2013
Aroclor 1232	ND		0.019	mg/Kg-dry	1	2/19/2013
Aroclar 1242	ND		0.019	mg/Kg-dry	1	2/19/2013
Aroclor 1248	ND		0.019	mg/Kg-dry	1	2/19/2013
Aroclor 1254	ND		0.019	mg/Kg-dry	1	2/19/2013
Aroclor 1260	0.28		0.019	mg/Kg-dry	1	2/19/2013
Surr: Decachlorobiphenyl	87.0		22-156	%REC	1	2/19/2013
Surr: Tetrachloro-m-xylene	80.8		34-145	%REC	1	2/19/2013
MOISTURE			SM254	0B	Prep Date: 2/19/2013	Analyst: KMW
Moisture	13		0.010	% of sample	1	2/19/2013

Note:

Date: 19-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

C-10-NW

Collection Date: 2/18/2013 10:00 AM

Work Order: 1302315

Lab ID: 1302315-02

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/19/2013	Analyst: SAD
Aroclor 1016	ND		0.020	mg/Kg-dry	1	2/19/2013
Aroclor 1221	ND		0.040	mg/Kg-dry	1	2/19/2013
Aroclor 1232	ФИ		0.020	mg/Kg-dry	1	2/19/2013
Aroclor 1242	ND		0.020	mg/Kg-dry	1	2/19/2013
Aroclor 1248	ND		0.020	mg/Kg-dry	1	2/19/2013
Aroclor 1254	ND		0.020	mg/Kg-dry	1	2/19/2013
Aroclor 1260	1.0		0.020	mg/Kg-dry	1	2/19/2013
Surr: Decachlorobiphenyl	87.8		22-156	%REC	1	2/19/2013
Surr: Tetrachloro-m-xylene	81.2		34-145	%REC	1	2/19/2013
MOISTURE			SM254	0B	Prep Date: 2/19/2013	Analyst: KMW
Moisture	18		0.010	% of sample	1	2/19/2013

Note:

Client: Cardno ATC

Project: Morgens Hall; Project No.: 72.41360.0003

Sample ID: C-10-WW

Collection Date: 2/18/2013 10:15 AM

Date: 19-Feb-13

Work Order: 1302315

Lab ID: 1302315-03

Matrix; SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/19/2013	Analyst: SAD
Aroclor 1016	ND		0.021	mg/Kg-dry	1	2/19/2013
Aroclor 1221	ND		0.041	mg/Kg-dry	1	2/19/2013
Aroclor 1232	ND		0.021	mg/Kg-dry	1	2/19/2013
Aroclor 1242	ND		0.021	mg/Kg-dry	1	2/19/2013
Aroclor 1248	ND		0.021	mg/Kg-dry	1	2/19/2013
Aroclor 1254	ND		0.021	mg/Kg-dry	1	2/19/2013
Aroclor 1260	0.31		0.021	mg/Kg-dry	1	2/19/2013
Surr: Decachlorobiphenyl	83.2		22-156	%REC	1	2/19/2013
Surr: Tetrachloro-m-xylene	78.4		34-145	%REC	1	2/19/2013
MOISTURE			SM254	0B	Prep Date: 2/19/2013	Analyst; KMW
Moisture	19		0.010	% of sample	1	2/19/2013

Date: 19-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

C-7-FL

Work Order: 1302315

Matrix: SOIL

Lab ID: 1302315-04

Collection Date: 2/18/2013 11:25 AM

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/19/2013	Analyst: SAD
Aroclor 1016	ND		0.019	mg/Kg-dry	1	2/19/2013
Aroclor 1221	ND		0.038	mg/Kg-dry	1	2/19/2013
Aroclor 1232	ND		0.019	mg/Kg-dry	1	2/19/2013
Aroclor 1242	ND		0.019	mg/Kg-dry	1	2/19/2013
Aroclor 1248	ND		0.019	mg/Kg-dry	1	2/19/2013
Aroclor 1254	ND		0.019	mg/Kg-dry	1	2/19/2013
Arocior 1260	0.13		0.019	mg/Kg-dry	1	2/19/2013
Surr: Decachlorobiphenyl	79.8		22-156	%REC	1	2/19/2013
Surr: Tetrachloro-m-xylene	78.6		34-145	%REC	1	2/19/2013
MOISTURE			SM254	0B	Prep Date: 2/19/2013	Analyst: KMW
Moisture	12		0.010	% of sample	1	2/19/2013

Note:

Date: 19-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

Collection Date: 2/18/2013 11:45 AM

C-7-WW

Work Order: 1302315

Lab ID: 1302315-05

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/19/2013	Analyst: SAD
Aroclor 1016	ND		0.022	mg/Kg-dry	1	2/19/2013
Aroclor 1221	ND		0.044	mg/Kg-dry	1	2/19/2013
Aroclor 1232	ND		0.022	mg/Kg-dry	1	2/19/2013
Aroclor 1242	ND		0.022	mg/Kg-dry	1	2/19/2013
Aroclor 1248	ND		0.022	mg/Kg-dry	1	2/19/2013
Aroclor 1254	ND		0.022	mg/Kg-dry	1	2/19/2013
Aroclor 1260	0.18		0.022	mg/Kg-dry	1	2/19/2013
Surr: Decachlorobiphenyl	80.6		22-156	%REC	1	2/19/2013
Surr: Tetrachloro-m-xylene	73.4		34-145	%REC	1	2/19/2013
MOISTURE			SM254	0B	Prep Date: 2/19/2013	Analyst: KMW
Moisture	24		0.010	% of sample	1	2/19/2013

Note:

Date: 19-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

C-5-FL

Collection Date: 2/18/2013 02:30 PM

Work Order: 1302315

Lab ID: 1302315-06

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/19/2013	Analyst: SAD
Aroclor 1016	ND		0.020	mg/Kg-dry	1	2/19/2013
Aroclor 1221	ND		0.040	mg/Kg-dry	1	2/19/2013
Aroclor 1232	ND		0.020	mg/Kg-đry	1	2/19/2013
Aroclor 1242	ND		0.020	mg/Kg-dry	1	2/19/2013
Aroclor 1248	ND		0.020	mg/Kg-dry	1	2/19/2013
Aroclor 1254	ND		0.020	mg/Kg-dry	1	2/19/2013
Aroclar 1260	0.093		0.020	mg/Kg-dry	1	2/19/2013
Surr: Decachlorobiphenyl	77.4		22-156	%REC	1	2/19/2013
Surr: Tetrachloro-m-xylene	75.0		34-145	%REC	1	2/19/2013
MOISTURE			SM254	0B	Prep Date: 2/19/2013	Analyst: KMW
Moîsture	17		0.010	% of sample	1	2/19/2013

Date: 19-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

C-5-WW

Collection Date: 2/18/2013 03:00 PM

Work Order: 1302315

Lab ID: 1302315-07

Matrix: SOIL

Analyses	Result	Qual	Report ual Limit Units		Dilution Factor	Date Analyzed	
PCBS			SW808	2	Prep Date: 2/19/2013	Analyst: SAD	
Aroclor 1016	ND		0.020	mg/Kg-dry	1	2/19/2013	
Aroclor 1221	ND		0.041	mg/Kg-dry	1	2/19/2013	
Aroclor 1232	ND		0.020	mg/Kg-dry	1	2/19/2013	
Aroclor 1242	ND		0.020	mg/Kg-dry	1	2/19/2013	
Aroclor 1248	ND		0.020	mg/Kg-dry	1	2/19/2013	
Aroclor 1254	ND		0.020	mg/Kg-dry	1	2/19/2013	
Aroclor 1260	0.31		0.020	mg/Kg-dry	1	2/19/2013	
Surr: Decachlorobiphenyl	79.0		22-156	%REC	1	2/19/2013	
Surr: Tetrachloro-m-xylene	84.0		34-145	%REC	1	2/19/2013	
MOISTURE			SM254	0B	Prep Date: 2/19/2013	Analyst: KMW	
Moisture	18		0.010	% of sample	1	2/19/2013	

Note:

Date: 19-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

Trip Blank

Collection Date: 2/18/2013

Work Order: 1302315

Lab ID: 1302315-08

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/19/2013	Analyst: SAD
Aroclor 1016	ND		0.51	μg/L	1	2/19/2013
Aroclor 1221	ND		0.51	μg/L	1	2/19/2013
Aroclor 1232	ND		0.51	μg/L	1	2/19/2013
Aroclor 1242	ND		0.51	μg/L	1	2/19/2013
Aroclor 1248	ND		0.51	μg/L	1	2/19/2013
Aroclor 1254	ND		0.51	μg/L	1	2/19/2013
Aroclor 1260	ND		0.51	μg/L	1	2/19/2013
Surr: Decachlorobiphenyl	83.6		37-108	%REC	1	2/19/2013
Surr: Tetrachloro-m-xylene	87.6		9-136	%REC	1	2/19/2013

Date: 19-Feb-13

Client:

Cardno ATC

Work Order:

1302315

Project:

Morgens Hall; Project No.: 72.41360.0003

QC BATCH REPORT

Batch ID: 15421 Instrum	ent ID: GC9		Method:	SW8082	2						
//BLK Sample ID: MBLK-15	421-15421			Units: mg/Kg				Analys	9/2013		
Client ID:	Run ID	Run ID: GC9_130219A			SeqNo: 567779			Prep Date: 2/19	/2013	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%	REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	NID										
Aroclor 1221	ND ND	0.10				-					
Aroclor 1232	ND ND	0.10									
roclor 1242	ND	0.10								.	
Aroclor 1248	ND	0.10									
Aroclor 1254	ND	0.10		- · · · · · · · · · · · · · · · · · · ·							
Aroclor 1260	ND	0.10									
Surr: Decachlorobiphenyl	0.0848	0	0.1		0	84.8	22-156	0			
Surr: Tetrachloro-m-xylene	0.0838	0	0.1		0	83.8	34-145	0			
.CS Sample ID: LCS-154:	21.15/24				Lloit	o mall	/ ~	Anabra	io Doto: 3/	10/2042	
•				Units: mg/Kg			Analysis Date: 2/19/2013				
Client ID:	Run ID	: GC9_13	30219A		SeqN	o: 5677	80	Prep Date: 2/19	/2013	DF: 1	
nalyte	Result	PQL	SPK Val	SPK Ref Value	%	&REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aroclor 1260	2.2	0.10	2		0	110	50-133	0			
Surr: Decachlorobiphenyl	0.0962	0	0.1		0	96.2	22-156	0		••	
Surr: Tetrachioro-m-xylene	0.0874	0	0.1		0	87.4	34-145	0			
MS Sample ID: 1302315-	07Ams				Unit	ls: mg/l	√a	Analys	is Date: 2/	19/2013	
Client ID: C-5-WW		: GC9_13	30219A			lo: 567 7	_	Prep Date: 2/19		DF: 1	
		_		ODK Def	·		Cantral	-			
Analyte	Result	PQL	SPK Val	SPK Ref Value	0,	6REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
arenyo	Nosait	1 04	OI IX Vai			UKLO.			- 70131 13		Qua
Aroclor 1260	0.5459	0.017	0.3329	0.249	93	89.1	31-150	0			
Surr: Decachlorobiphenyl	0.01358	0	0.01664		0	81.6	22-156	0			
Surr: Tetrachloro-m-xylene	0.01302	<u>O'</u>	0.01664		0	78.2	34-145	. 0			
MSD Sample ID: 1302315-	-07Amsd				Unit	ls: mg/l	⟨g	Analys	is Date: 2/	19/2013	******************************
Client ID: C-5-WW	Run IC): GC9_1	30219A	Se		SeqNo: 567789		Prep Date: 2/19	/2013	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	9	4REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aroclor 1260	0.5533	0.017	0.3333	0.249	93	91.2	31-150	0.5459	1.35	53	•
Surr: Decachlorobiphenyl	0.01343	0	0.01667		0	80.6	22-156	0.01358	1.1		
Surr: Tetrachioro-m-xylene	0.01313	0	0.01667		0	78.8	34-145	0.01302	0.898		
The following samples were analy	zed in this batch:	13	802315-01A 802315-04A 802315-07A		02315 02315			02315-03A 02315-06A			

Client:

Cardno ATC

Work Order:

1302315

Project:

Morgens Hall; Project No.: 72.41360.0003

QC BATCH REPORT	Γ
	-

MBLK Sample ID: N	IBLK-15422-15422				U	nits: μg/L		Analy	sis Date: 2/	19/2013	
Client ID:	Rur	1D: GC9_13	0219A		Sec	No: 5677	76	Prep Date: 2/1	9/2013	DF: 1	
Analyte	Result	PQL.	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.50									
Aroclor 1221	СИ	0.50									
Aroclor 1232	ND	0.50									
Aroclor 1242	ND	0.50									
Aroclor 1248	ND	0.50									
Aroclor 1254	ND	0.50									
Aroclor 1260	ND	0.50									
Surr: Decachlorobiphenyl	0.327	0	0.5		0	65.4	37-108)		
Surr: Tetrachloro-m-xyler	e 0.394	0	0.5		0	78.8	9-136	()		
LCS Sample ID: 1	.CS-15422-15422				U	Inits: µg/L		Analy	/sis Date: 2	/19/2013	
Client ID:	Rui	n ID: GC9_1 3	0219A		Se	qNo: 567	777	Prep Date: 2/1	9/2013	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aroclor 1260	9.755	0.50	10		0	97.6	61-122	1	0		
Surr: Decachlorobipheny	0,359	0	0.5		0	71.8	37-108		0		
Surr: Tetrachloro-m-xyler	ne 0.387	0	0.5		0	77.4	9-136		0		

Date: 19-Feb-13

ALS Environmental

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

WorkOrder:

1302315

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
0	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R S	RPD above laboratory control limit Spike Recovery outside laboratory control limits
u U	Analyzed but not detected above the MDL
Acronym	Description
	<u>-</u>
DUP _	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
sw	SW-846 Method
Units Reported	Description

Units Reported Description

% of sample

μg/L

mg/Kg-dry

Sample Receipt Checklist

Client Name: ATC-CINCINNATI			Date/Time Received: 1			18-Feb-13 16:23				
Work Order:	<u>1302315</u>				Received by	r:	<u>AMG</u>			
Checklist comp	leted by: Jan Wilcox		19-Feb-13	_	Revîewed by:	Chris Gibs	50M			eb-13 ate
Matrices: Carrier name:	<u>Client</u>	ž				1			ı	
Shipping contai	ner/cooler in good condition?		Yes	✓	No 🗌	Not Prese	ent 🗌			
Custody seals i	ntact on shipping container/cooler?		Yes		No 🗌	Not Prese	ent 🔽			
Custody seals i	ntact on sample bottles?		Yes		No 🗆	Not Prese	ent 🔽			
Chain of custoo	ly present?		Yes	✓	No 🗆					
Chain of custoo	ly signed when relinquished and rec	ceived?	Yes	✓	No 🗌					
Chain of custoo	ly agrees with sample labels?		Yes	✓	No 🗌					
Samples in pro	per container/bottle?		Yes	v	No 🗌					
Sample contain	ers intact?		Yes	✓	No 🗌					
Sufficient samp	ole volume for indicated test?		Yes	V	No 🗌					
All samples rec	eived within holding time?		Yes	V	No 🗌				•	
Container/Tem	p Blank temperature in compliance?	,	Yes	V	No □		•			
Temperature(s))/Thermometer(s):		6.0							
Cooler(s)/Kit(s)	· :									
Water - VOA v	ials have zero headspace?		Yes	2	No 🖺	No VOA vials	submitted			
Water - pH acc	ceptable upon receipt?		Yes	E	No 🕎	N/A				
pH adjusted? pH adjusted by	:		Yes -	*	No 🖾	N/A]		
Login Notes:										
							· 			
Client Contacte	ed:	Date Contacted	i:		Person	Contacted:				
Contacted By:		Regarding:								
Serial Dy.										
Comments:]		
CorrectiveAction	on:]		
								SE SE	P Page 1	of 1



20-Feb-2013

Mike Luessen Cardno ATC 11121 Canal Road Cincinnati, OH 45241-1861

Tel: 513-771-2112 Fax: 513-782-6908

Re: Morgens Hall; Project No.: 72.41360.0003

Dear Mike,

ALS Environmental received 11 samples on 19-Feb-2013 01:12 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Work Order: 1302328

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 18.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Chris Gibson

Electronically approved by: Chris Gibson

Chris Gibson Project Manager

ADDRESS 4388 Glendale Milford Rd Cincinnati, Ohio 45242- | PHONE (513) 733-5336 | FAX (513) 733-5347

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company



Date: 20-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Work Order:

1302328

Work Order Sample Summary

Lab Samp II	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1302328-01	C-3-FL	Soil		2/19/2013 08:20	2/19/2013 13:12	
1302328-02	C-4-NW	Soil		2/19/2013 08:45	2/19/2013 13:12	
1302328-03	C-4-FL	Soil		2/19/2013 09:30	2/19/2013 13:12	
1302328-04	C-8-FL	Soil		2/19/2013 10:00	2/19/2013 13:12	
1302328-05	C-1-FL	Soil		2/19/2013 10:45	2/19/2013 13:12	
1302328-06	C-2-FL	Soil		2/19/2013 11:30	2/19/2013 13:12	
1302328-07	C-1-SW	Soil		2/19/2013 11:50	2/19/2013 13:12	
1302328-08	C-2-SW	Soil		2/19/2013 12:00	2/19/2013 13:12	
1302328-09	EB	Water		2/19/2013	2/19/2013 13:12	
1302328-10	FB	Water		2/19/2013	2/19/2013 13:12	
1302328-11	TB	Water		2/19/2013	2/19/2013 13:12	

Date: 20-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Work Order:

1302328

Case Narrative

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

Date: 20-Feb-13

Client:

Cardno ATC

Project:

Morgens Hail; Project No.: 72.41360.0003

Sample ID:

C-3-FL

Collection Date: 2/19/2013 08:20 AM

Work Order: 1302328 Lab ID: 1302328-01

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/20/2013	Analyst: SAD
Aroclor 1016	ND		0.22	mg/Kg-dry	1	2/20/2013
Aroclor 1221	ND		0.45	mg/Kg-dry	1	2/20/2013
Aroclor 1232	ND		0.22	mg/Kg-dry	1	2/20/2013
Aroclor 1242	ND		0.22	mg/Kg-dry	1	2/20/2013
Aroclor 1248	ND .		0.22	mg/Kg-dry	1	2/20/2013
Aroclor 1254	ND		0.22	mg/Kg-dry	1	2/20/2013
Aroclor 1260	ND		0.22	mg/Kg-dry	1 .	2/20/2013
Surr: Decachlorobiphenyl	83.6		22-156	%REC	1	2/20/2013
Surr: Tetrachloro-m-xylene	82.2		34-145	%REC	1	2/20/2013
MOISTURE			SM254	0B	Prep Date: 2/20/2013	Analyst: YCL
Moisture	25		0.010	% of sample	1	2/20/2013

Date: 20-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

C-4-NW

longens man, moject mon 72. moono

Work Order: 1302328

Lab ID: 1302328-02 Matrix: SOIL

Collection Date: 2/19/2013 08:45 AM

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/20/2013	Analyst: SAD
Aroclor 1016	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1221	ND		0.42	mg/Kg-dry	1	2/20/2013
Arocior 1232	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1242	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1248	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1254	. ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1260	ND		0.21	mg/Kg-dry	1	2/20/2013
Surr: Decachlorobiphenyl	78.0		22-156	%REC	1	2/20/2013
Surr: Tetrachloro-m-xylene	77.0		34-145	%REC	1	2/20/2013
MOISTURE			SM254	0B	Prep Date: 2/20/2013	Analyst: YCL
Moisture	20		0.010	% of sample	1	2/20/2013

Client: Cardno ATC

Project: Morgens Hail; Project No.: 72.41360.0003

Sample ID: C-4-FL

Collection Date: 2/19/2013 09:30 AM

Date: 20-Feb-13

Work Order: 1302328

Lab ID: 1302328-03

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/20/2013	Analyst: SAD
Aroclor 1016	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1221	ND		0.42	mg/Kg-dry	1	2/20/2013
Aroclor 1232	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1242	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1248	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1254	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1260	ND		0.21	mg/Kg-dry	1	2/20/2013
Surr: Decachlorobiphenyl	79.6		22-156	%REC	1	2/20/2013
Surr: Tetrachloro-m-xylene	77.0		34-145	%REC	1	2/20/2013
MOISTURE			SM254	0B	Prep Date: 2/20/2013	Analyst: YCL
Moisture	21		0.010	% of sample	1	2/20/2013

Date: 20-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

Moisture

C-8-FL

Collection Date: 2/19/2013 10:00 AM

Work Order: 1302328 Lab ID: 1302328-04

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed	
PCBS			SW808	2	Prep Date: 2/20/2013	Analyst: SAD	
Araclor 1016	ND		0.21	mg/Kg-dry	1	2/20/2013	
Aroclor 1221	ND		0.42	mg/Kg-dry	1	2/20/2013	
Aroclor 1232	ND		0.21	mg/Kg-dry	1	2/20/2013	
Aroclor 1242	ND		0.21	mg/Kg-dry	1	2/20/2013	
Aroclor 1248	ND		0.21	mg/Kg-dry	1	2/20/2013	
Aroclor 1254	ND		0.21	mg/Kg-dry	1	2/20/2013	
Aroclor 1260	ND		0.21	mg/Kg-dry	1	2/20/2013	
Surr: Decachlorobiphenyl	84.2		22-156	%REC	1	2/20/2013	
Surr: Tetrachloro-m-xylene	80.6		34-145	%REC	1	2/20/2013	
MOISTURE			SM254	0B	Prep Date: 2/20/2013	Analyst: YCL	

0.010

% of sample

21

Note:

2/20/2013

Date: 20-Feb-13

Client:

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

C-1-FL

Collection Date: 2/19/2013 10:45 AM

Work Order: 1302328

Lab ID: 1302328-05

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/20/2013	Analyst: SAD
Aroclor 1016	ND		0.22	mg/Kg-dry	1	2/20/2013
Aroclor 1221	ND		0.43	mg/Kg-dry	1	2/20/2013
Aroclor 1232	ND		0.22	mg/Kg-dry	1	2/20/2013
Aroclor 1242	ND		0.22	mg/Kg-dry	1	2/20/2013
Aroclor 1248	ND		0.22	mg/Kg-dry	1	2/20/2013
Aroclor 1254	ND		0.22	mg/Kg-dry	1	2/20/2013
Aroclor 1260	ND		0.22	mg/Kg-dry	1	2/20/2013
Surr: Decachlorobiphenyl	88.6		22-156	%REC	1	2/20/2013
Surr: Tetrachloro-m-xylene	82.4		34-145	%REC	1	2/20/2013
MOISTURE			SM254	0B	Prep Date: 2/20/2013	Analyst: YCL
Moisture	23		0.010	% of sample	1	2/20/2013

Date: 20-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Work Order: 1302328

Sample ID:

C-2-FL

Lab ID: 1302328-06

Collection Date: 2/19/2013 11:30 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/20/2013	Analyst: SAD
Aroclor 1016	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1221	ND		0.41	mg/Kg-dry	1	2/20/2013
Aroclor 1232	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1242	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1248	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1254	ND		0.21	mg/Kg-dry	1	2/20/2013
Aroclor 1260	ND		0.21	mg/Kg-dry	1	2/20/2013
Surr: Decachlorobiphenyl	85.6		22-156	%REC	1	2/20/2013
Surr: Tetrachloro-m-xylene	78.8		34-145	%REC	1	2/20/2013
MOISTURE			SM254	0B	Prep Date: 2/20/2013	Analyst: YCL
Moisture	19		0.010	% of sample	1	2/20/2013

Date: 20-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

C-1-SW

Work Order: 1302328 Lab ID: 1302328-07

Matrix: SOIL

Collection Date: 2/19/2013 11:50 AM

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/20/2013	Analyst: SAD
Aroclor 1016	ND		0.20	mg/Kg-dry	1	2/20/2013
Aroclor 1221	ND		0.41	mg/Kg-dry	1	2/20/2013
Aroclor 1232	ND		0.20	mg/Kg-dry	1	2/20/2013
Aroclor 1242	ND		0.20	mg/Kg-dry	1	2/20/2013
Arcclor 1248	ND		0.20	mg/Kg-dry	1	2/20/2013
Aroclor 1254	ND		0.20	mg/Kg-dry	1	2/20/2013
Aroclor 1260	ND		0.20	mg/Kg-dry	1	2/20/2013
Surr: Decachlorobiphenyl	83.6		22-156	%REC	1	2/20/2013
Surr: Tetrachloro-m-xylene	78.6		34-145	%REC	1	2/20/2013
MOISTURE			SM254	0B	Prep Date: 2/20/2013	Analyst: YCL
Moisture	19		0.010	% of sample	1	2/20/2013

Date: 20-Feb-13

Client:

Cardno ATC

Project:

Sample ID:

C-2-SW

Collection Date: 2/19/2013 12:00 PM

Morgens Hall; Project No.: 72.41360.0003

Work Order: 1302328

Lab ID: 1302328-08

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed Analyst: SAD	
PCBS			SW808	2	Prep Date: 2/20/2013		
Aroclor 1016	ND		0.20	mg/Kg-dry	1	2/20/2013	
Aroclor 1221	ND		0.40	mg/Kg-dry	1	2/20/2013	
Aroclor 1232	ND		0.20	mg/Kg-dry	1	2/20/2013	
Aroclor 1242	NĐ		0.20	mg/Kg-dry	1	2/20/2013	
Aroclor 1248	ND		0.20	mg/Kg-dry	1	2/20/2013	
Aroclor 1254	ND		0.20	mg/Kg-dry	1	2/20/2013	
Aroclor 1260	ND		0.20	mg/Kg-dry	1	2/20/2013	
Surr: Decachlorobiphenyl	80.0		22-156	%REC	1	2/20/2013	
Surr: Tetrachloro-m-xylene	75.0		34-145	%REC	1	2/20/2013	
MOISTURE			SM254	.0B	Prep Date: 2/20/2013	Analyst: YCL	
Moisture	17		0.010	% of sample	1	2/20/2013	

Date: 20-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Work Order: 1302328

Lab ID: 1302328-09

Sample ID: Collection Date: 2/19/2013

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS					Prep Date: 2/19/2013	Analyst: SAD
Areclor 1016	ND		0.51	μg/L	1	2/20/2013
Aroclor 1221	ND		0.51	μg/L	1	2/20/2013
Aroclor 1232	ND		0.51	μg/L	1	2/20/2013
Aroclor 1242	ND		0.51	μg/L	1	2/20/2013
Aroclor 1248	ND		0.51	μg/L	1	2/20/2013
Aroclor 1254	ND		0.51	μg/L	1	2/20/2013
Aroclor 1260	ND		0.51	μg/L	1	2/20/2013
Surr: Decachlorobiphenyl	80.2		37-108	%REC	1	2/20/2013
Surr: Tetrachloro-m-xylene	73.2		9-136	%REC	1	2/20/2013

Date: 20-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

Work Order: 1302328

Lab ID: 1302328-10 Matrix: WATER

Collection Date: 2/19/2013

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/19/2013	Analyst: SAD
Aroclor 1016	ND		0.51	μg/L	1	2/20/2013
Aroclor 1221	ND		0.51	μg/L	1	2/20/2013
Aroclor 1232	ND		0.51	μg/L	1	2/20/2013
Aroclor 1242	ND		0.51	μg/L	1	2/20/2013
Aroclor 1248	ND		0.51	μg/L	1	2/20/2013
Aroclor 1254	ND		0.51	μg/L	1	2/20/2013
Aroclor 1260	ND		0.51	μg/L	1	2/20/2013
Surr: Decachlorobiphenyl	79.8		37-108	%REC	1	2/20/2013
Surr: Tetrachloro-m-xylene	76.4		9-136	%REC	1	2/20/2013

Date: 20-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

ТВ Sample ID:

Collection Date: 2/19/2013

Work Order: 1302328

Lab ID: 1302328-11

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	2	Prep Date: 2/19/2013	Analyst: SAD
Aroclor 1016	ND		0.51	μg/L	1	2/20/2013
Aroclor 1221	ND		0.51	μg/L	1	2/20/2013
Aroclor 1232	ND		0.51	μg/L	1	2/20/2013
Aroclor 1242	МÐ		0.51	μg/L	1	2/20/2013
Aroclor 1248	ND		0.51	μg/L	1	2/20/2013
Aroclor 1254	ND		0.51	μg/L	.1	2/20/2013
Aroclor 1260	ND		0.51	μg/L	1	2/20/2013
Surr: Decachlorobiphenyl	76.4		37-108	%REC	1	2/20/2013
Surr: Tetrachloro-m-xylene	79.2		9-136	%REC	1	2/20/2013

Date: 20-Feb-13

Client:

Cardno ATC

Work Order:

1302328

Project:

Morgens Hall; Project No.: 72.41360.0003

QC BATCH REPORT

Batch ID: 15422 Instrum	nent ID: GC9		Method	l: SW808	2						
MBLK Sample ID: MBLK-15	6422-15422			Units: µg/L				Analy	sis Date: 2	/19/2013	
Client ID:	Run ID	: GC9_13	0219A		Sec	qNo: 5677	776	Prep Date: 2/1	9/2013	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aroclor 1016	ND	0.50									
Aroclor 1221	ND	0.50									
Aroclor 1232	ND	0.50									
Aroclor 1242	ND	0.50									
Aroclor 1248	ND	0.50									
Aroclor 1254	ИD	0.50									
Aroclor 1260	ND	0.50									
Surr: Decachlorobiphenyl	0.327	0	0.5		0	65.4	37-108	()		
Surr: Tetrachloro-m-xylene	0.394	0	0.5		0	78.8	9-136	(
LCS Sample ID: LCS-154	22-15422			· · · · · · · · · · · · · · · · · · ·	U	nits: μg/L		Analy	sis Date: 2	/19/2013	
Client ID:	Run ID	: GC9_13	0219A		Sec	qNo: 567 7	777	Prep Date: 2/1	9/2013	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aroclor 1260	9.755	0.50	10		0	97.6	61-122	()		
Surr: Decachlorobiphenyl	0.359	0	0.5		0	71.8	37-108	()		
Surr: Tetrachloro-m-xylene	0.387	0	0.5		0	77.4	9-136	()		
The following samples were analy	zed in this batch:	13	02328-09A	13	0232	28-10A	13	02328-11A			

Client:

Cardno ATC

Work Order:

1302328

Project: Morgens Hall; Project No.: 72.41360.0003 Batch ID: 15437 Instrument ID: GC9 Method: SW8082 **MBLK** Sample ID: MBLK-15437-15437 Units: mg/Kg Analysis Date: 2/20/2013 Client ID: Run ID: GC9 130220A SeqNo: 568241 Prep Date: 2/20/2013 DF: 1 SPK Ref RPD RPD Ref Control Limit Value Limit Analyte Result PQL SPK Val %REC %RPD Qual Aroclor 1016 ND 1.0 Aroclor 1221 ND 2.0 Aroclor 1232 ND 1.0 Aroclor 1242 ND 1.0 Aroclor 1248 ND 1.0 Aroclor 1254 ND 1.0 1.0 Aroclor 1260 ND Surr: Decachlorobiphenyl 0.0848 0 0.1 0 84.8 22-156 0 34-145 Surr: Tetrachloro-m-xylene 0.0826 0 0.1 82.6 0 LCS Sample ID: LCS-15437-15437 Units: mg/Kg Analysis Date: 2/20/2013 Client ID: Run ID: GC9_130220A SeqNo; 568242 Prep Date: 2/20/2013 SPK Ref RPD Control RPD Ref Analyte Result PQL SPK Val Value %REC Limit Value Limit %RPD Qual Aroclor 1260 1.896 1.0 2 0 94.8 50-133 0 Surr: Decachlorobiphenyl 0.0838 0.1 83.8 22-156 0 0 0 Surr: Tetrachloro-m-xylene 0.0774 0 0.1 34-145 0 77.4 0 MS Sample ID: 1302328-02AMS Units: mg/Kg Analysis Date: 2/20/2013 Client ID: C-4-NW Run ID: GC9_130220A SeqNo: 568245 Prep Date: 2/20/2013 DF: 1 RPD Ref SPK Ref Control RPD Value Limit Value Limit Analyte Result PQL SPK Val %REC %RPD Qual Aroclor 1260 0.3032 0.17 0.3334 0 90.9 31-150 0 Surr: Decachlorobiphenyl 0.01344 0.01667 0 0 80.6 22-156 Surr: Tetrachloro-m-xylene 0.0124 0 0.01667 0 74.4 34-145 0 MSD Sample ID: 1302328-02AMSD Units: mg/Kg Analysis Date: 2/20/2013 Client ID: C-4-NW Run ID: GC9_130220A SeqNo: 568246 Prep Date: 2/20/2013 DF: 1 SPK Ref RPD Ref RPD Control Value Limit Value Limit Analyte Result PQL SPK Val %REC %RPD Qual Aroclor 1260 0.306 0.17 0.3329 0 91.9 31-150 0.3032 0.938 53 Surr. Decachlorobiphenyl 0.01318 0 0.01664 0 79.2 22-156 0.01344 1.92 Surr: Tetrachloro-m-xylene 0.01318 0 0 0.01664 34-145 79,2 0.0124 6.08 The following samples were analyzed in this batch: 1302328-01A 1302328-02A 1302328-03A 1302328-04A 1302328-05A 1302328-06A

1302328-07A

1302328-08A

QC BATCH REPORT

Date: 20-Feb-13

ALS Environmental

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

WorkOrder:

1302328

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O P	Sample amount is > 4 times amount spiked
R	Dual Column results percent difference > 40% RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
sw	SW-846 Method
Units Reported	<u>Description</u>

% of sample $\,$ $\mu g/L$

mg/Kg-dry

Sample Receipt Checklist

Client Name: A	TC-CINCINNATI				Date/Time F	Received;	19-Feb-1:	3 13:12		
Work Order: 1	302328				Received by	r:	<u>JNW</u>			
Checklist complete	ed by: Jan Wilcox		19-Feb-13	<u> </u>	Reviewed by:	Chris Gib	son			eb-13 Date
Matrices: Carrier name:	<u>Client</u>	·							'	
Shipping containe	r/cooler in good condition?		Yes	V	No 🗌	Not Pres	ent 🗌			
Custody seals into	act on shipping container/cooler?		Yes		No 🗌	Not Pres	ent 🗹			
Custody seals into	act on sample bottles?		Yes		No 🗌	Not Prese	ent 🗹			
Chain of custody	present?		Yes	✓	No 🗆					
Chain of custody	signed when relinquished and rec	eived?	Yes	V	No 🗆					
Chain of custody	agrees with sample labels?		Yes	✓	No 🗌					
Samples in proper	r container/bottle?		Yes	v	No 🗌					
Sample containers	s intact?		Yes	V	No 🗀			•		
Sufficient sample	volume for indicated test?		Yes	V	No 🗌					
All samples receiv	ved within holding time?		- Yes	v	No 🗆					
Container/Temp E	Blank temperature in compliance?		Yes	✓	√" No □					
Temperature(s)/T	hemometer(s):		2.0]		
Cooler(s)/Kit(s):]		
Water - VOA vials	s have zero headspace?		Yes		No 🔳	No VOA vials	submitted			
Water - pH accep	table upon receipt?		Yes		No 🖺	N/A	.~			
pH adjusted? pH adjusted by:			Yes -	X	No 🗵	N/A] ·		
Login Notes:	·									
		====		==		<u>:</u>		===		
Client Contacted:		Date Contacted:			Person	Contacted:				
Contacted By:		Regarding:								
Comments:]	•	
						-]		
CorrectiveAction:								SR	C Page 1	1 of 1



22-Feb-2013

Mike Luessen Cardno ATC 11121 Canal Road Cincinnati, OH 45241-1861

Tel: 513-771-2112 Fax: 513-782-6908

Re: Morgens Hall; Project No.: 72.41360.0003 Work Order: 1302376

Dear Mike,

ALS Environmental received 4 samples on 21-Feb-2013 10:29 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 9.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Chris Gibson

Electronically approved by: Chris Gibson

Chris Gibson Project Manager

ADDRESS 4388 Glendele Milford Rd Cincinnati, Ohio 45242- | PHONE (513) 733-5336 | FAX (513) 733-5347

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Date: 22-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Work Order:

1302376

Work Order Sample Summary

Lab Samp II	Client Sample ID	<u>Matrix</u>	Tag Number	Collection Date	Date Received	Hold
1302376-01	C-18-FL	Soil		2/21/2013 08:20	2/21/2013 10:29	
1302376-02	C-18-NW	Soil		2/21/2013 08:30	2/21/2013 10:29	
1302376-03	C-18-WW	Soil		2/21/2013 09:00	2/21/2013 10:29	
1302376-04	TB	Water		2/21/2013	2/21/2013 10:29	

Date: 22-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Work Order:

1302376

Case Narrative

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

Client Sample ID: C-18-FL

Date: 22-Feb-13

Client: Project: Cardno ATC

Morgens Hall; Project No.: 72.41360.0003

Work Order: 1302376

Lab ID:

1302376-01A

Collection Date: 2/21/2013 8:20:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW80	32	Prep Date: 2/21/201	3 Analyst: SAD
Aroclor 1016	ND		0.20	mg/Kg-dry	1	2/21/2013
Aroclor 1221	ND		0.41	mg/Kg-dry	1	2/21/2013
Aroclor 1232	ND		0.20	mg/Kg-dry	1	2/21/2013
Aroclor 1242	ND		0.20	mg/Kg-dry	1	2/21/2013
Aroclor 1248	ND		0.20	mg/Kg-dry	1	2/21/2013
Aroclor 1254	0.37		0.20	mg/Kg-dry	1	2/21/2013
Aroclor 1260	ND		0.20	mg/Kg-dry	1	2/21/2013
Surr: Decachlorobiphenyl	75.6		22-156	%REC	1	2/21/2013
Surr: Tetrachloro-m-xylene	71.2		34-145	%REC	1	2/21/2013
MOISTURE			SM254	40B	Prep Date: 2/21/201	3 Analyst: KMW
Moisture	18		0.010	% of sample	1	2/19/2013

Lab ID:

1302376-02A

Client Sample ID: C-18-NW

Collection Date: 2/21/2013 8:30:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW80	32	Prep Date: 2/21/2013	3 Analyst: SAD
Arcclor 1016	ND		0.21	mg/Kg-dry	1	2/21/2013
Arcelor 1221	ND		0.42	mg/Kg-dry	1	2/21/2013
Aroclor 1232	ND		0.21	mg/Kg-dry	1	2/21/2013
Aroclor 1242	ND		0.21	mg/Kg-dry	1	2/21/2013
Aroclor 1248	ND		0.21	mg/Kg-dry	1	2/21/2013
Arocior 1254	0.25		0.21	mg/Kg-dry	1	2/21/2013
Aroclor 1260	ND		0.21	mg/Kg-dry	1	2/21/2013
Surr: Decachlorobiphenyl	73.6		22-156	%REC	1	2/21/2013
Surr: Tetrachloro-m-xylene	69.2		34-145	%REC	1	2/21/2013
MOISTURE			SM254	40B	Prep Date: 2/21/2013	3 Analyst: KMW
Moisture	21		0.010	% of sample		2/19/2013

Date: 22-Feb-13

Client: Project: Cardno ATC

Client Sample ID: C-18-WW

Morgens Hall; Project No.: 72.41360.0003

Work Order: 1302376

Lab ID:

1302376-03A

Collection Date: 2/21/2013 9:00:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW80	82	Prep Date: 2/21/201:	3 Analyst: SAD
Aroclor 1016	ND		0.22	mg/Kg-dry	1	2/21/2013
Aroclor 1221	ND		0.44	mg/Kg-dry	1	2/21/2013
Aroclor 1232	· ND		0.22	mg/Kg-dry	1	2/21/2013
Arocior 1242	ND		0.22	mg/Kg-dry	1 ,	2/21/2013
Aroclor 1248	ND		0.44	mg/Kg-dry	20	2/21/2013
Aroclor 1254	1.3		0.44	mg/Kg-dry	20	2/21/2013
Aroclor 1260	ND		0.44	mg/Kg-dry	20	2/21/2013
Surr: Decachlorobiphenyl	79.8		22-156	%REC	1	2/21/2013
Surr: Tetrachloro-m-xylene	72.2		34-145	%REC	1	2/21/2013
MOISTURE			SM254	40B	Prep Date: 2/21/201	3 Analyst: KMW
Moisture	24		0.010	% of sample	•	2/19/2013

Lab ID:

1302376-04A

Client Sample ID: TB

Collection Date: 2/21/2013

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW808	32	Prep Date: 2/21/2013	B Analyst: SAD
Aroclor 1016	ND		0.51	μg/L	1	2/21/2013
Aroclor 1221	ND		0.51	μg/L	1	2/21/2013
Aroclor 1232	ND		0.51	µg/Լ.	1	2/21/2013
Aroclor 1242	ND		0.51	μg/L	1	2/21/2013
Aroclor 1248	ND .		0.51	µg/L.	. 1	2/21/2013
Aroclor 1254	ND		0.51	μg/L	+ 1 + +	2/21/2013
Aroclor 1260	ND		0.51	μg/L	1	2/21/2013
Surr: Decachlorobiphenyl	68.0		37-108	%REC	1	2/21/2013
Surr: Tetrachloro-m-xylene	68.2		9-136	%REC	1	2/21/2013

Date: 22-Feb-13

Client:

Cardno ATC

Work Order:

1302376

Project:

Morgens Hall; Project No.: 72.41360.0003

QC BATCH REPORT

Batch ID: 15465 Instrum	nent ID: GC9		Method	i: SW808	2				_		
MBLK Sample ID: MBLK-1	3465-15465	*			U	nits: mg/i	√g	Analysis	Date: 2/2	21/2013	
Client ID:	Run 10	D: GC9_13	0221A		Se	No: 569 1	72	Prep Date: 2/21/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	1,0									
Aroclor 1221	ND	2.0							· -		
Aroclor 1232	ND	1.0									
Aroclor 1242	ND	1.0									
Aroclor 1248	ND	1.0									
Aroclor 1254	ND	1.0									
Aroclor 1260	ND	1.0									
Surr: Decachlorobiphenyl	0.0772	0	0.1		0	77.2	22-156	0			
Surr: Tetrachloro-m-xylene	0.0722	0	0.1		0	72.2	34-145	0			
LCS Sample ID: LCS-154	65-15465				U	nits: mg/	Kg	Analysis	Date: 2/	21/2013	
Client ID: Run ID			0221A		Se	qNo: 569 °	173	Prep Date: 2/21/2	013	DF: 1	
				SPK Ref			Control	RPD Ref		RPD	
Analyte	Result	PQL	SPK Val	Value		%REC	Limit	Makes	%RPD_	Limit	Qua
Aroclor 1260	1.871	1.0	2		0	93.6	50-133	. 0			
Surr: Decachlorobiphenyl	0.0794	0	0.1		0	79.4	22-156	0			
Surr: Tetrachloro-m-xylene	- 0.0718	0	0.1		0	71.8	34-145	0			
MS Sample ID: 1302376	-01AMS		**********		U	nits: mg/	Kg	Analysis	Date: 2/	21/2013	
Client ID: C-18-FL	Run II	D: GC9_1 3	80221A		Se	qNo: 569 °	175	Prep Date: 2/21/2	013	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aroclor 1260	0.3806	0.17	0.3339		0	114	31-150	0			
Surr: Decachlorobiphenyl	0.01229	0	0.01669		0	73.6	22-156	0 ·			
Surr: Tetrachloro-m-xylene	0.01135	. 0	0.01669		0	68	34-145	, , 0			
MSD Sample ID: 1302376	-01AMSD				Ų	nits: mg/	Kg	Analysis	Date: 2/	21/2013	
Client ID: C-18-FL	Rus II	D: GC9_1	30221A			gNo: 569	_	Prep Date: 2/21/2		DF: 1	
				SPK Ref			Control	RPD Ref		RPD	
Analyte	Result	PQL	SPK Val	Value		%REC	Lîmit	Value	%RPD	Limit	Qua
Aroclor 1260	0.4902	0.17	0.3334		0	147	31-150	0.3806	25,2	53	
Surr: Decachloroblphenyl	0.01307	0	0.01667		0	78.4	22-156	0.01229	6.18		
Surr: Tetrachloro-m-xylene	0.01267	0	0.01667		0	76	34-145	0.01135	11		

Client:

Cardno ATC

Work Order:

1302376

Project:

Morgens Hall; Project No.: 72.41360.0003

Batch ID: 15	466 Instru	rment ID: GC9		Method	SW808	2						
MBLK	Sample ID: MBLK-	15466-15466		,		Uı	nits: µg/L		Anal	ysis Date: 2	21/2013	
Client ID:		Run ID:	GC9_13	0221A		Sec	ηNo: 569 1	179	Prep Date: 2/	21/2013	DF: 1	
Analyte	,	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016		ND	0.50									
Aroclor 1221		ND	0.50									
Aroclor 1232		ND	0.50									***
Aroclor 1242		ND	0.50									
Aroclor 1248		ND	0.50									
Aroclor 1254		ND	0.50									
Aroclor 1260	1	ND	0.50									
Surr: Deca	achlorobiphenyl	0.328	0	0.5		0	65.6	37-108		0		
Surr: Tetra	achloro-m-xylene	0.3	0	0.5		0	60	9-136		0		
LCS	Sample ID: LCS-1	5466-15466			Units: µg/L				Anal	/21/2013		
Client ID:		Run ID:	GC9_13	0221A		Sec	qNo: 569 1	180	Prep Date: 2/	21/2013	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aroclor 1260)	9.451	0.50	10		0	94.5	61-122		0		
Surr: Deca	achlorobiphenyl	0.365	0	0.5		0	73	37-108		0		
Surr: Tetra	achloro-m-xylene	0.31	0	0.5		0	62	9-136		0		
The following	ng samples were an	alvzed in this batch:	13	02376-04A		-						

QC BATCH REPORT

Date: 22-Feb-13

ALS Environmental

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

WorkOrder:

1302376

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
l	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
0	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
Ŭ	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
sw	SW-846 Method
Units Reported	Description

% of sample

μg/L

mg/Kg-dry

Sample Receipt Checklist

Client Name: A	ATC-CI	<u>NCINNATI</u>				Date/Time F	Received:	21-Feb-13	10:29		
Work Order: 1	1302370	<u>3</u>				Received by	:	<u>JNW</u>			
Checklist complet Matrices:		J an Wilcox eSignature	T	21-Feb-13 Date	- -	Reviewed by:	Chris Gibs esignature	on			22-Feb-13 Date
Carrier name:	<u>Client</u>										
Shipping containe	er/cooler	in good condition?		Yes	✔	No 🗌	Not Prese	nt 🗌			
Custody seals int	act on s	hipping container/cooler?		Yes		No 🗌	Not Prese	nt 🔽			
Custody seals int	act on s	ample bottles?		Yes		No 🗆	Not Prese	nt 🔽			
Chain of custody	present	?		Yes	✓	No 🗆					
Chain of custody	signed	when relinquished and re	ceived?	Yes	✓	No 🗆					
Chain of custody	agrees	with sample labels?		Yes	V	No 🗌					
Samples in prope	er contai	ner/bottle?		Yes	V	No 🗆					
Sample container	rs intact	?		Yes	Y	No 🗌					
Sufficient sample	volume	for indicated test?		Yes	V	No 🗌					
All samples recei	ved with	in holding time?		Yes	Y	No 🗌					
Container/Temp I	Blank te	mperature in compliance?	• • •	Yes	V	No 🗌					
Temperature(s)/T	Thermon	neter(s):		2.0							
Cooler(s)/Kit(s):											
Water - VOA vial	s have z	rero headspace?		Yes	2	No 🔳	No VOA vials	submitted			
Water - pH accep	ptable u	oon receipt?		Yes	靈	No 📴	N/A				
pH adjusted? pH adjusted by:				Yes	盛	No 🗵	N/A 🔟				
Login Notes:											
	•					• •					
					=						
Client Contacted:	Ī		Date Contacted	i:		Person	Contacted:				
Contacted By:			Regarding:								
Comments:											
CorrectiveAction:	:				-				Ç.	20 Day	70 1 of 1



27-Feb-2013

Mike Luessen Cardno ATC 11121 Canal Road Cincinnati, OH 45241-1861

Tel: 513-771-2112 Fax: 513-782-6908

Re: Morgens Hall; Project No.: 72.41360.0003 Work Order: 1302456

Dear Mike,

ALS Environmental received 4 samples on 26-Feb-2013 11:25 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 11.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Chris Gibson

Electronically approved by: Rob Nieman

Chris Gibson

Project Manager

ADDRESS 4388 Glendale Milford Rd Clincinnati, Ohio 45242- | PHONE (513) 733-5336 | FAX (513) 733-5347

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Date: 27-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Work Order:

1302456

Work Order Sample Summary

Lab Samp II	Client Sample ID	<u>Matrix</u>	Tag Number		Date Received	Hold
1302456-01	C-17-FL	Soil		2/26/2013 08:30	2/26/2013 11:25	
1302456-02	C-19-FL	Soil		2/26/2013 09:00	2/26/2013 11:25	
1302456-03	C-19-NW	Soil		2/26/2013 09:30	2/26/2013 11:25	
1302456-04	Trip Blank	Water		2/26/2013	2/26/2013 11:25	

Date: 27-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Work Order:

1302456

Case Narrative

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, Update III, June 13, 1997.

Date: 27-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

C-17-FL

Collection Date: 2/26/2013 08:30 AM

Work Order: 1302456

Lab ID: 1302456-01

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed	
PCBS	SW8082		Prep Date: 2/26/2013	Analyst: SAD			
Aroclor 1016	ND		0.020	mg/Kg-dry	· 1	2/26/2013	
Aroclor 1221	ND		0.040	mg/Kg-dry	1	2/26/2013	
Aroclor 1232	ND		0.020	mg/Kg-dry	1	2/26/2013	
Aroclor 1242	ND		0.020	mg/Kg-dry	1	2/26/2013	
Aroclor 1248	ND		0.020	mg/Kg-dry	1	2/26/2013	
Aroclor 1254	0.11		0.020	mg/Kg-dry	1	2/26/2013	
Aroclor 1260	ND		0.020	mg/Kg-dry	1	2/26/2013	
Surr: Decachlorobiphenyl	74.4		22-156	%REC	1	2/26/2013	
Surr: Tetrachloro-m-xylene	68.8		34-145	%REC	1 -	2/26/2013	
MOISTURE			SM254	0B	Prep Date: 2/26/2013	Analyst: YCL	
Moisture	17		0.010	% of sample	1	2/26/2013	

Date: 27-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

C-19-FL

Collection Date: 2/26/2013 09:00 AM

Work Order: 1302456

Lab ID: 1302456-02

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed		
PCBS			SW808	2	Prep Date: 2/26/2013	Analyst: SAD		
Aroclor 1016	ND		0.021	mg/Kg-dry	1	2/26/2013		
Aroclor 1221	ND		0.043	mg/Kg-dry	1	2/26/2013		
Aroclor 1232	ND		0.021	mg/Kg-dry	1	2/26/2013		
Aroclor 1242	ND		0.021	mg/Kg-dry	1	2/26/2013		
Aroclor 1248	ND		0.021	mg/Kg-dry	1	2/26/2013		
Aroclor 1254	0.41		0.021	mg/Kg-dry	1	2/26/2013		
Aroclor 1260	ND		0.021	mg/Kg-dry	1	2/26/2013		
Surr: Decachlorobiphenyl	73.2		22-156	%REC	1	2/26/2013		
Surr: Tetrachloro-m-xylene	71.6		34-145	%REC	1	2/26/2013		
MOISTURE			SM254	0B	Prep Date: 2/26/2013	Analyst: YCL		
Moisture	22		0.010	% of sample	1	2/26/2013		

Date: 27-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

C-19-NW

Collection Date: 2/26/2013 09:30 AM

Work Order: 1302456

Lab ID: 1302456-03

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed		
PCBS			SW808	Prep Date: 2/26/2013	Analyst: SAD			
Aroclor 1016	ND		0.022	mg/Kg-dry	1	2/26/2013		
Aroclor 1221	ND		0.045	mg/Kg-dry	1	2/26/2013		
Aroclor 1232	ND		0.022	mg/Kg-dry	1	2/26/2013		
Aroclor 1242	ND		0.022	mg/Kg-dry	1	2/26/2013		
Aroclor 1248	ND		0.022	mg/Kg-dry	1	2/26/2013		
Aroclor 1254	0.26		0.022	mg/Kg-dry	1	2/26/2013		
Aroclor 1260	ND		0.022	mg/Kg-dry	1	2/26/2013		
Surr: Decachlorobiphenyl	79.4		22-156	%REC	1	2/26/2013		
Surr: Tetrachloro-m-xylene	103		34-145	%REC	1	2/26/2013		
MOISTURE			SM254	0B	Prep Date: 2/26/2013	Analyst: YCL		
Moisture	. 25		0.010	% of sample		2/26/2013		

Date: 27-Feb-13

Client:

Cardno ATC

Project:

Morgens Hall; Project No.: 72.41360.0003

Sample ID:

Trip Blank

Collection Date: 2/26/2013

Work Order: 1302456

Lab ID: 1302456-04

Matrix: WATER

Analyses			Report Limit	Units	Dilution Factor	Date Analyze	
PCBS			SW808	2	Prep Date: 2/26/2013	Analyst: SAD	
Aroclor 1016	ND		0.53	μg/L	1	2/26/2013	
Aroclor 1221	ND		0.53	μg/L	1	2/26/2013	
Aroclor 1232	ND		0.53	μg/L	1	2/26/2013	
Aroclor 1242	ND		0.53	μg/L	1	2/26/2013	
Aroclor 1248	ND -		0.53	μg/L	1	2/26/2013	
Aroclor 1254	ND		0.53	μg/L	· 1	2/26/2013	
Aroclor 1260	ND		0.53	μg/L	1	2/26/2013	
Surr: Decachlorobiphenyl	67.6		37-108	%REC	1	2/26/2013	
Surr: Tetrachloro-m-xylene	72.2		9-136	%REC	1	2/26/2013	

Date: 27-Feb-13

Client:

Project:

Cardno ATC

Work Order:

1302456

Morgens Hall; Project No.: 72.41360.0003

QC BATCH REPORT

Batch ID: 15527 Instrume	nt ID; GC9		Method	l: SW808	2			· · · · · · · · · · · · · · · · · · ·			
IBLK Sample ID: MBLK-15527-15527					U	nits: mg/l	Kg	Analys	26/2013	t the track of the	
Client ID:	Run II	D: GC9_13	0226A		Se	qNo: 570 7	750	Prep Date: 2/26	/2013	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.10									
Arocior 1221	ND	0.20									
Aroclor 1232	ND	0.10									
Aroclor 1242	ND	0.10									
Aroclor 1248	ND	0.10									
Aroclor 1254	ND	0.10									
Aroclor 1260	ND	0.10						,			
Surr: Decachlorobiphenyl	0.079	0	0.1		0	79	22-156	0			
Surr: Tetrachloro-m-xylene	0.077	0	0.1		0	77	34-145	0			
LCS Sample ID: LCS-1552	7-15527				U	nits: mg/	Kg	Analys	is Date: 2/	26/2013	
Client ID:	Run II	D: GC9_13	30226A		Se	qNo: 570 7	751	Prep Date: 2/26	/2013	DF: 1	
				SPK Ref			Control	RPD Ref		RPD	
Analyte	Result	PQL	SPK Val	Value		%REC	Limit	Value	%RPD	Limit	Qua
Arocior 1260	1.916	0.10	2		0	95.8	50-133	0			
Surr: Decachlorobiphenyl	0.08	0	0.1		0	80	22-156	. 0			
Surr: Tetrachloro-m-xylene	. 0.076	0	0.1		0	76	34-145	0			
MS Sample ID: 1302371-0	9AMS			Units: mg/Kg				Aлalys	26/2013	XXXXXXXXX	
Client ID:	Run II	D: GC9_1	30226 A		SegNo: 570761		761	Prep Date: 2/26/2013		DF: 1	
0 l. 4-	D II	501	2016141	SPK Ref Value		2/	Control Limit	RPD Ref Value		RPD Limit	
Analyte	Result	PQL	SPK Val			%REC	CITIE	value	%RPD	- Little	Qual
Aroclor 1260	1.848	0.10	2.004		0	92.2	31-150	0			
Surr: Decachlorobiphenyl	0.07776	0.	0.1002		0	77.6	22-156	0			
Surr: Tetrachloro-m-xylene	0.07595	0	0.1002		0	75.8	34-145	. 0			
MSD Sample ID: 1302371-0	9AMSD		_		U	Inits: mg/	Kg	Analys	is Date: 2/	26/2013	
Client ID;	Run II	D: GC9_1	30226A		Se	qNo: 570 7	762	Prep Date: 2/26	/2013	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aroclor 1260	1.838	0.10	2.008		0	91.5	31.150	1 040			
Surr: Decachlorobiphenyl	0.07851	0.10	0.1004		0	91.5 78.2	31-150 22-156	1.848 0.07776	0.55	53	
Surr: Tetrachloro-m-xylene	0.07691	0	0.1004		0	76.6	34-145	0.07776	0.971 1.25		-
	G. G. VV 1	J	J UUT				シナットナリ	0.01090	1.20		

Client:

Cardno ATC

Work Order:

1302456

Project:

Morgens Hall; Project No.: 72.41360.0003

Batch ID: 15537	nstrument ID; GC9		Method	l: SW808	2						••••
MBLK Sample ID: MI	3LK-15537-15537			This is a second	Ur	nits: µg/L		АлаІу	sis Date: 2	/26/2013	
Client ID:	Run I	D: GC9_13	0226A		Seq	No: 5707	47	Prep Date: 2/2	6/2013	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aroclor 1016	ND	0.50									
Aroclor 1221	ND	0.50									
Aroclor 1232	ND	0.50									
Aroclor 1242	ND	0.50									
Aracior 1248	ND	0.50									
Aroclor 1254	ND	0.50									
Aroclor 1260	ND	0,50									
Surr: Decachlorobiphenyl	0.298	0	0.5		0	59.6	37-108		0		
Surr: Tetrachloro-m-xylene	0.324	0	0.5	*****	0	64.8	9-136		00		
LCS Sample ID: LC	S-15537-15537	and the same that the same same same same same same same sam	***		Uı	nits: µg/L		Analysis Date:			
Client ID:	Run	ID: GC9_13	80226A		Sec	No: 570 7	748	Prep Date: 2/2	6/2013	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aroclor 1260	8.935	0.50	10		0	89.4	61-122	(0		
Surr: Decachlorobiphenyl	0.342	0	0.5		0	68.4	37-108	. (0		
Surr: Tetrachloro-m-xylene	0.327	0	0.5		0	65.4	9-136		0		

QC BATCH REPORT

Date: 27-Feb-13

Client:	Cardno ATC	QUALIFIERS,
Project:	Morgens Hall; Project No.: 72.41360.0003	ACRONYMS, UNITS
WorkOrder:	1302456	•

Qualifier	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
sw	SW-846 Method
Units Reported	Description

% of sample μg/L mg/Kg-dry

Sample Receipt Checklist

Client Name: ATC-CINCINNATI				Date/Time Received: 26-Fel							
Work Order: <u>1302456</u>					Received by	r:	AMG				
Checklist complete	d by: Jan Wilcox		26-Feb-13 Date	_	Reviewed by:	Chris Gi	bson			27-Feb-	13_
Matrices: Carrier name:	<u>Client</u>										
Shipping container	/cooler in good condition?		Yes	✓	No 🗌	Not Pres	sent				
Custody seals intac	ct on shipping container/cooler	?	Yes		No 🗌	Not Pres	sent	✓			
Custody seals intac	ct on sample bottles?		Yes		No 🗌	Not Pres	sent	✓			
Chain of custody p	resent?		Yes	✓	No 🗌						
Chain of custody si	igned when relinquished and re	eceived?	Yes	✓	No 🗆						
Chain of custody a	grees with sample labels?		Yes	✓	No 🗌						
Samples in proper	container/bottle?		Yes	V	No 🗆						
Sample containers	Intact?		Yes	✓	No 🗌						
Sufficient sample v	rolume for indicated test?		Yes	v	No 🗌						
All samples receive	ed within holding time?		Yes	V	No 🗌						
Container/Temp BI	ank temperature in compliance	?	Yes	✓	No 🗌						
Temperature(s)/Th	ermometer(s):		4.2								
Cooler(s)/Kit(s):											
Water - VOA vials	have zero headspace?		Yes	E	No 🗵	No VOA vial	s submit	tted			
Water - pH accepta	able upon receipt?		Yes	100	No 🗵	N/A					
pH adjusted? pH adjusted by:			Yes		No 🗵	N/A 🖺					
Login Notes:											
	======:	====		-							
Client Contacted;		Date Contacted:			Person	Contacted:					
Contacted By:		Regarding:									
Comments:				•							
CorrectiveAction:									SRC I	Page 1 of	: 1